



No.:

Date:

ADVERTISEMENT FOR WALK-IN-INTERVIEW

Applications in the prescribed format are invited from eligible and desirous candidates for temporary engagement under selected manpower provider of ORSAC for the following positions:

1. Software Engineer – Java, Python, PHP, iOS & Android
2. Database Developer under Linux Platform
3. UI/UX – Designer / Developer
4. Business Analyst
5. Server & Network Co-Admin & Capacity Planner

Number of Temporary Posts:

To be decided by ORSAC

Max Age:

35 Years

Consolidated Pay:

Rs. 20, 000.00 – Rs 55, 000.00

Candidates are to send in their updated resume, scanned recent passport photo along-with scanned copies of their educational certificates and experience certificates to orsac2012@gmail.com, orsageoict@gmail.com by **5:30 PM of 3rd September 2021**. No TA/DA will be paid to the candidates for attending the interview. For more information, please refer the detailed advertisement and Application Format which can be downloaded from <https://orsac.gov.in/>.

[Handwritten Signature]
24.08.21

CHIEF EXECUTIVE

ADVERTISEMENT FOR SOFTWARE DEVELOPMENT PROFESSIONAL

Candidates are invited for appearing in Walk-in-interview for the following posts:

1. Software Engineer – Python
2. Software Engineer - PHP
3. Software Engineer – iOS
4. Software Engineer – Android
5. Database Developer
6. UI/UX Designer
7. UI/UX Developer
8. Business Analyst
9. Server & Network Co-Admin & Capacity Planner

Number of Temporary Posts: As desired by ORSAC
Max Age: 35 Years
Consolidated Pay: Rs. 20, 000.00 – Rs 55, 000.00

The desirous candidates having requisite qualifications and fulfilling other eligibility conditions may send in their updated resume, scanned recent passport photo along-with scanned copies of their educational certificates and experience certificates to **orsac2012@gmail.com, orsageoict@gmail.com** by **5:30 PM of 3rd September 2021**. No TA/DA will be paid to the candidates attending the interview.

Please note the positions are purely contractual in nature through the selected manpower agency of ORSAC and are co-terminus to the GeoICT projects being carried out by ORSAC.

SOFTWARE ENGINEER – JAVA:

Job Brief

We are looking for a Java Developer with experience in building high-performing, scalable, enterprise-grade applications. You will be part of the software team that works on mission-critical applications. Java developer roles and responsibilities include managing Java/Java EE application development while providing expertise in the full software development lifecycle, from concept and design to testing.

Java developer responsibilities include designing, developing and delivering high-volume, low-latency applications for mission-critical systems on microservices architecture.

Responsibilities

- Contribute in all phases of the development lifecycle
- Write well designed, testable, efficient code
- Ensure designs are in compliance with specifications
- Prepare and produce releases of software components
- Support continuous improvement by investigating alternatives and technologies and presenting these for architectural review

Requirements

- Bachelor or Master degree in Computer Science, Engineering or a related subject
- Proven hands-on Software Development experience of at least 2 Years
- Proven working experience in Java development of at least 2 Years
- Hands on experience in designing and developing applications using Java SE/EE platforms
- Object Oriented analysis and design using common design patterns.
- Profound insight of Java and JEE internals (Class loading, Memory Management, Transaction management etc)
- Excellent knowledge of Relational Databases, SQL and ORM technologies (JPA2, Hibernate)
- Experience in the Spring Framework
- Experience in developing web applications using at least one popular web framework (JSF, Wicket, GWT, Spring MVC)
- Experience with test-driven development
- Knowledge on writing code for microservice based architecture
- Knowledge on using Token based authentication
- Experience in third-party Payment APIs and Google APIs etc.
- Oracle Certified Associate or Professional would be an added advantage

SOFTWARE ENGINEER – PYTHON:

Job Brief

We are looking for a Python Developer to join our engineering team and help us develop and maintain various software products. Python Developer responsibilities include writing and testing code, debugging programs and integrating applications with third-party web services. To be successful in this role, you should have experience using server-side logic and work well

in a team. Ultimately, you'll build highly responsive web applications that align with our client's business needs.

Responsibilities

- Write effective, scalable code
- Develop back-end components to improve responsiveness and overall performance
- Integrate user-facing elements into applications
- Test and debug programs
- Improve functionality of existing systems
- Implement security and data protection solutions
- Knowledge on writing code for microservice based architecture
- Knowledge on using Token based authentication
- Assess and prioritize feature requests
- Experience in third-party Payment APIs and Google APIs etc.
- Coordinate with internal teams to understand user requirements and provide technical solutions

Requirements

- Bachelors or Master degree in Computer Science, Engineering or relevant field
- Work experience as a Python Developer
- Expertise in at least one popular Python framework (like Django, Flask or Pyramid)
- Knowledge of object-relational mapping (ORM)
- Familiarity with front-end technologies (like JavaScript and HTML5)
- Team spirit
- Good problem-solving skills

SOFTWARE ENGINEER – PHP:

Job brief

We are looking for a PHP Developer who is dedicated to the craft, writes code that they are proud of and can hit the ground running. You will be a part of a full-stack creative team that is responsible for all aspects of the ongoing software development from the initial specification, through to developing, testing and launching.

Responsibilities

- Write “clean”, well-designed code
- Produce detailed specifications

- Troubleshoot, test and maintain the core product software and databases to ensure strong optimization and functionality
- Contribute in all phases of the development lifecycle
- Follow industry best practices
- Develop and deploy new features to facilitate related procedures and tools if necessary

Requirements

- BS/MS degree in Computer Science, Engineering or a related subject
- Proven software development experience in PHP
- Understanding of open source frameworks like CodeIgniter, Laravel, CakePHP etc
- Demonstrable knowledge of web technologies including HTML, CSS, JavaScript, AJAX etc
- Good knowledge of relational databases, version control tools and of developing web services
- Knowledge on writing code for microservice based architecture
- Knowledge on using Token based authentication
- Experience in third-party Payment APIs and Google APIs etc.
- Passion for best design and coding practices and a desire to develop new bold ideas

SOFTWARE ENGINEER - ANDROID:

Job Brief

We are looking for an Android Developer who possesses a passion for pushing mobile technologies to the limits. This Android app developer will work with our team of talented engineers to design and build the next generation of our mobile applications. Android programming works closely with other app development and technical teams.

Responsibilities

- Design and build advanced applications for the Android platform
- Collaborate with cross-functional teams to define, design, and ship new features
- Work with outside data sources and APIs
- Unit-test code for robustness, including edge cases, usability, and general reliability
- Work on bug fixing and improving application performance
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency

Requirements

- BS/MS degree in Computer Science, Engineering or a related subject

- Proven software development experience and Android skills development
- Proven working experience in Android app development and
- Have published at least one original Android app
- Experience with Android SDK
- Experience working with remote data via REST and JSON
- Experience with third-party libraries and APIs
- Working knowledge of the general mobile landscape, architectures, trends, and emerging technologies
- Solid understanding of the full mobile development life cycle.

SOFTWARE ENGINEER – iOS:

Job Brief

We are looking for an iOS developer who possesses a passion for pushing mobile technologies to the limits and will work with our team of engineers to design and build the next generation of our mobile applications.

Responsibilities

- Design and build advanced applications for the iOS platform
- Collaborate with cross-functional teams to define, design, and ship new features.
- Unit-test code for robustness, including edge cases, usability, and general reliability.
- Work on bug fixing and improving application performance.
- Continuously discover, evaluate, and implement new technologies to maximize development efficiency.

Requirements

- Bachelors or Master degree in Computer Science, Engineering or a related subject
- Proven experience as an app developer.
- Proficient in Objective-C, Swift, and Cocoa Touch.
- Proficient in working with SwiftUI.
- Extensive experience with iOS Frameworks such as Core Data and Core Animation.
- Knowledge of iOS back-end services.
- Knowledge of Apple's design principles and application interface guidelines.
- Proficient in code versioning tools including Mercurial, Git, and SVN.
- Knowledge of C-based libraries.
- Familiarity with push notifications, APIs, and cloud messaging.

- Experience with continuous integration.

DATABASE DEVELOPER:

Job Brief

We are looking for a qualified Database developer to design stable and reliable databases, according to our organization's needs. You will be responsible for developing, testing, improving and maintaining new and existing databases to help users retrieve data effectively. As part of our IT team, you will work closely with developers to ensure system consistency. You will also collaborate with administrators and clients to provide technical support and identify new requirements. Communication and organization skills are keys for this position, along with a problem-solution attitude.

Ultimately, you should be able to ensure our database systems run effectively and securely on a daily basis.

Responsibilities

- Design stable, reliable and effective databases
- Optimize and maintain legacy systems
- Modify databases according to requests and perform tests
- Solve database usage issues and malfunctions
- Liaise with developers to improve applications and establish best practices
- Gather user requirements and identify new features
- Develop technical and training manuals
- Provide data management support to users
- Ensure all database programs meet application and performance requirements
- Research and suggest new database products, services and protocols

Requirements

- Bachelors or Master degree in Computer Science or relevant field
- Proven work experience as a Database developer
- In-depth understanding of data management (e.g. permissions, recovery, security and monitoring)
- Knowledge of software development and user interface web applications
- Hands on experience with SQL
- Excellent analytical and organization skills
- An ability to understand front-end users requirements and a problem-solving attitude
- Excellent verbal and written communication skills

UI/UX DESIGNER:

Job brief

We are looking for a UI/UX Designer to turn our software into easy-to-use products for our clients. UI/UX Designer responsibilities include gathering user requirements, designing graphic elements and building navigation components. To be successful in this role, you should have experience with design software and wireframe tools. If you also have a portfolio of professional design projects that includes work with web/mobile applications, we'd like to meet you. Ultimately, you'll create both functional and appealing features that address our clients' needs and help us grow our customer base.

Responsibilities

- Gather and evaluate user requirements in collaboration with product managers and engineers
- Illustrate design ideas using storyboards, process flows and sitemaps
- Design graphic user interface elements, like menus, tabs and widgets
- Build page navigation buttons and search fields
- Develop UI mock-ups and prototypes that clearly illustrate how sites function and look like
- Create original graphic designs (e.g. images, sketches and tables)
- Prepare and present rough drafts to internal teams and key stakeholders
- Identify and troubleshoot UX problems (e.g. responsiveness)
- Conduct layout adjustments based on user feedback
- Adhere to style standards on fonts, colours and images

Requirements

- Bachelor's degree in Product Design, Computer Science or relevant field
- Proven work experience as a UI/UX Designer or similar role
- Portfolio of design projects
- Knowledge of wireframe tools (e.g. Wireframe.cc and InVision)
- Up-to-date knowledge of design software like Sketch, Figma, Adobe XD, Adobe Illustrator and Photoshop
- Team spirit; strong communication skills to collaborate with various stakeholders
- Good time-management skills

UI/UX DEVELOPER:

Job Brief

We are looking for a qualified Front-end developer to join our IT team. You will be responsible for building the ‘client-side’ of our web applications. You should be able to translate the application’s and customer needs into functional and appealing interactive applications.

If you’re interested in creating a user-friendly environment by writing code and moving forward in your career, then this job is for you. We expect you to be a tech-savvy professional, who is curious about new digital technologies and aspires to combine usability with visual design. Ultimately, you should be able to create a functional and attractive digital environment ensuring great user experience.

Responsibilities

- Use markup languages like HTML to create user-friendly web pages
- Maintain and improve website
- Optimize applications for maximum speed
- Design mobile-based features
- Collaborate with back-end developers and web designers to improve usability
- Get feedback from, and build solutions for, users and customers
- Write functional requirement documents and guides
- Create quality mock-ups and prototypes
- Help back-end developers with coding and troubleshooting
- Ensure high quality graphic standards and brand consistency
- Stay up-to-date on emerging technologies

Requirements

- Bachelors or Master degree in Computer Science or relevant field
- Proven work experience as a Front-end developer
- Hands on experience with markup languages
- Experience with JavaScript, CSS and jQuery
- Experience working on React or VueJS
- Familiarity with browser testing and debugging
- In-depth understanding of the entire web development process (design, development and deployment)
- Understanding of layout aesthetics
- Knowledge of SEO principles
- Familiarity with software like Adobe Suite, Photoshop and content management systems
- An ability to perform well in a fast-paced environment

- Excellent analytical and multitasking skills

BUSINESS ANALYST:

Job brief

We are looking for a Business Analyst who will be the vital link between our information technology capacity and our business objectives by supporting and ensuring the successful completion of analytical, building, testing and deployment tasks of our software product's features.

Responsibilities

- Define configuration specifications and business analysis requirements
- Perform quality assurance
- Define reporting and alerting requirements
- Own and develop relationship with partners, working with them to optimize and enhance our integration
- Help design, document and maintain system processes
- Report on common sources of technical issues or questions and make recommendations to product team
- Communicate key insights and findings to product team
- Constantly be on the lookout for ways to improve monitoring, discover issues and deliver better value to the customer

Requirements

- Previous experience in Business / Systems Analysis or Quality Assurance
- A degree in IT / Computer Science
- Proven experience in eliciting requirements and testing
- Experience in analysing data to draw business-relevant conclusions and in data visualization techniques and tools
- Basic knowledge in generating process documentation
- Strong written and verbal communication skills including technical writing skills

SERVER & NETWORK CO-ADMIN AND CAPACITY PLANNER:

Job brief

We are looking for a Server & Network Co-Administrator & Capacity Planner to maintain a reliable, secure and efficient data communications network. The ideal candidate will be able to

deploy, configure, maintain and monitor all active network equipment in order to ensure smooth network operation.

Responsibilities

- Analyse appropriate information and data in order to prepare schedules, plans and forecasts
- Create capacity plans which meet business targets and optimise manufacturing efficiency and costs.
- Assess existing capacity and draw up forecasts based on future plans for demand.
- Continually monitor and review plans and make appropriate adjustments in the event of changes and unforeseen circumstances.
- Install and integrate new server hardware and applications
- Ensure network security and connectivity
- Monitor network performance (availability, utilization, throughput, goodput, and latency) and test for weaknesses
- Resolve problems reported by end user
- Research and make recommendations on server system administration

Requirements

- Bachelor or Master degree in Computer Science, Engineering or a related subject.
- Excellent knowledge of best practices around management, control, and monitoring of server infrastructure
- Commercial and financial acumen with a strong understanding of the cost of failure both the production and the ability to fulfil customer orders
- Ability to set up and configure server hardware
- Familiarity with backup and recovery software and methodologies
- Great at organising, prioritising and multitasking

A. K. Hollick

 24.08.7

CHIEF EXECUTIVE

APPLICATION FORMAT

DOMAIN AREA APPLIED FOR:

Name:

Mobile:

Email:

A. Academic Qualifications

Education	Year	Board/University	Specialization	Aggregate percentage of marks
X Class				
XII Class (Total)				
Bachelor's Degree				
Master's Degree				

B. Expertise

Years of Experience only in IT Production Environment

C. Technical Skill (Mention the Skill)

D. Functional Skills

E. Mention details of OEM Certification obtained on Technologies (e.g. Java Certified/ Microsoft .Net Certified/ORACLE Certified/ CISCO Certified/ AWS Certified/ CMME Certified etc.)

Sl. No.	OEM/Organization	Certification Name & Type	Rating/ Class if any	Year of Certification

F. Key Projects Executed with Verifiable Output

G. Personal Details

- 1. Date of Birth:**
- 2. Languages Known:**
- 3. Address for Communication:**
- 4. Permanent Address:**
- 5. Aadhar Number:**
- 6. PAN No:**

Signature