

Company : Boxfile Web Service Private Limited
Company Name : Boxfile
Nature Of Business : SaaS & Fintech
Designation : Software Development Engineer (SDE)
Tentative Job Location : Chennai

Software Development Engineer

Develops software solutions to meet product requirements through team and individual efforts. Participates in the analysis and composition of requirements, design of architectural and component software features, design and implementation of system, design and implementation of test plan, and documentation of final product. Should be able to adapt to new languages, methodologies, and platforms to meet the needs of the product. Develop applications written using Angular front-end technology or Java Back-end.

Initial duties may include reviewing code, writing documentation, and following test procedures. Later duties may include responsibility for production software components. Work may include UI design, graphics development, and/or programming. Work alongside SW development and test engineers as part of an agile process to build a virtual environment.

Degree and Location

- **Bachelor's or Master's degree, preferably in Computer Science, Information Technology, Computer Engineering or related IT discipline**
- **Willing to live and work in the Chennai area**

Technology Skillset

- **Experience and detailed understanding of Java programming language**
- **Implementation experience and understanding of Spring-boot and JPA/Hibernate frameworks**
- **Experience in Front end development tools like Typescript, Angular**
- **Detailed understanding in Databases (general ANSI Standard SQL)**
- **MicroServices development, Deployment, Management using Java**
- **Versioning control of deployed software and source code management**
- **Detailed understanding and experience of CI/CD for code check-in and deployment**
- **Unit testing frameworks for frontend and backend**
- **Automate unit testing to integrate with CI/CD**

Description :

- **Exposure/Knowledge in Cloud technologies – like AWS**
- **Deployment and development using APIs in cloud platforms like AWS, Azure etc.**
- **Knowledge in using development tools like Git, BitBucket, etc.**
- **Open source tools required for development**
- **Knowledge/Exposure in Testing methodologies – System testing, Integration testing, unit testing etc.**

Programming Skills

- **Design patterns –**
 - **Creational Patterns viz., Factory pattern, Abstract Factory Pattern, Singleton Pattern, Builder Pattern, Prototype Pattern**
 - **Structural Design Patterns viz., - Adapter, Composite, Proxy, Flyweight, Façade, Bridge, Decorator Patterns**
 - **Behavioral Patterns viz., Template Method, Mediator, Chain of Responsibility, Observer, Strategy, Command, State, Visitor Interpreter, Iterator, Memento Pattern**
 - **Other design patterns like – Interceptors, Injection**
- **Knowledgeable in –**
 - **Security – Authentication Patterns, Authorization patterns (RBAC)**
 - **Secure coding patterns, OWASP standards**
 - **Security Testing and protection**
 - **Security Certificate management**

Soft Skills

- **Strong command in Communication skills**
- **Manage a small team of junior engineers in the future**
- **Interact with SME**

Program	AE	BSBE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
BT	No	No	No	No	Yes	Yes	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
BS	--	--	--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
MT	No	No	No	No	Yes	Yes	No	No	No	--	--	--	--	--	No	--	--	No	No	No	No	--
DoubleMajor	No	No	No	No	Yes	Yes	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dual	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
dualB	No	No	No	No	Yes	Yes	--	No	No	No	No	No	No	--	No	--	--	No	--	No	No	--
dualC	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	--	--	--	--	--	--	--
Mdes	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
MBA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--

Eligibility :

Cost to Company :	INR - Six Lakhs (Indian Rupees)
Package Details :	Will be eligible for ESOP
Bond :	False
CPI CutOff :	0.0
Medical Requirements :	
Resume Shortlist :	True
Resume Shortlist Criteria:	N/A
Aptitude Test:	True
Aptitude Test Duration:	50 Minutes
Group Discussion:	False
Technical Test:	True
Technical Test Duration:	50 Minutes
Technical Interview:	True
Technical Interview Duration:	45 Minutes
Number of Techincal Interview Rounds:	2
HR Interview:	True
HR Interview Duration:	Will be clubbed with 2nd Tech Round
Additional Information:	Single online Test will have Aptitude & Technical Questions