Principal Software Engineer - Java

Position Overview:
We are seeking an experienced Principal Software Engineer to join our team for a US based client with a minimum of 5 years of Java development expertise. This role is pivotal in driving technical innovation, leading development efforts, and ensuring the delivery of high-quality software solutions. The ideal candidate will be a proactive problem solver and an effective collaborator.

Responsibilities:

- Technical Excellence:
  - Deliver high-quality, bug-free features that meet business requirements.
  - Exhibit superb interpersonal, communication, and collaboration skills.
  - Produce comprehensive technical documentation independently.
  - Explore and evaluate new frameworks and technologies.

- Leadership and Mentorship:
  - Take ownership of project success, not just individual tasks.
  - Resolve team member issues through effective conflict resolution skills.
  - Mentor junior team members and assess their estimations.
  - Manage sprint releases and ensure project milestones are met.

- Communication and Coordination:
  - Effectively communicate with managers and clients.
  - Meet project deadlines and provide effort estimations.
  - Collaborate closely with cross-functional teams.

- Technical Expertise:
  - Design and develop RESTful Web Services and APIs.
  - Utilize build tools like Maven or Gradle.
  - Work with version control systems like GitHub.
  - Use both RDBMS and NoSQL databases effectively.
  - Employ Spring or Spring Boot for Java Enterprise development.
  - Familiarity with cloud platforms (AWS, GCP, Azure) and their services.
  - Configure and manage servers (e.g., Apache Tomcat, Jetty).
  - Build CI/CD pipelines using cloud or on-premises tools.
  - Understand and use static code analysis tools like SonarQube.
  - Proficiency in containerization and orchestration (Docker, Kubernetes).
  - Knowledge of Authentication and Authorization frameworks (OAuth, OpenID Connect).
  - Familiarity with cloud design patterns, EDD, and microservices architecture.
  - Support scalable, fault-tolerant, portable, and highly available applications.
  - Design server applications using micro-service and cloud design patterns.
  - Experience with monitoring tools such as ELK, Splunk.
  - Ability to perform performance and memory tuning.
  - Hands-on experience with unit tests and integration tests.
  - Knowledge of various messaging frameworks.

- Familiarity with frontend JavaScript frameworks (Angular/React).
- Experience with Agile methodologies (Scrum, Kanban, etc.).

Requirements:

- Bachelor's degree in computer science, information science, or a related field.
- Minimum of 5 years of Java development experience.
- In-depth knowledge of Java components (JRE, JVM, JDK, SE/EE).
- Proficiency in building Web Services and REST APIs.
- Hands-on experience with build tools (Maven/Gradle), version control (GitHub), and RDBMS/NoSQL databases.
- Strong familiarity with Spring/Spring Boot and cloud platforms (AWS, GCP, Azure).
- Competence in server management (e.g., Apache Tomcat).
- Experience building CI/CD pipelines and using static code analysis tools.
- Understanding of containerization and orchestration (Docker, Kubernetes).
- Knowledge of Authentication and Authorization frameworks (OAuth, OpenID Connect).
- Understanding of cloud design patterns, EDD, and microservices architecture.
- Familiarity with monitoring tools and performance tuning.
- Experience with unit and integration testing.
- Proficiency in messaging frameworks and frontend JavaScript frameworks.
- Familiarity with Agile methodologies.

Please email your CV at faraz@clustox.com