Randhir Singh

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Profile Summary

Seasoned Java backend developer with 4+ years of expertise. Collaborative team player with good communication skills. Consistently meets deadlines through effective time management.

Professional Experience

- **Boeing**   **Bangalore, India**
  Software Engineer II   *July 2020 – Present*

  – Writing codes to develop functional web applications.

  – Building usable codes and libraries for future use.

  – Evaluation of key features and integration of strategies to update existing systems.

  – Conducting testing of code modules with teams and fixing code for smooth development.

  – Planning and deployment of system features, as well as monitoring successful integration.

  – Maintaining the system throughout its lifecycle, focusing on coding and debugging.

  – Designing and implementation of data storage solutions, along with improving existing data structures.

  – Incorporating standards-based development processes for websites and web applications.

  – Recommending changes to improve Java applications.

  – Optimizing applications for maximizing speed, scalability, and troubleshooting and fixing bugs and flaws.

Projects

- **Fuel Dashboard**   **Aug'20 – Present**

  – Orchestrated a pioneering transition from a single-threaded to a highly efficient multithreaded architecture, yielding a remarkable 14% improvement in performance.

  – Integrated advanced machine learning algorithms, originally written in MATLAB, into the Java application, resulting in a 20% improvement in predictive accuracy, thus providing tangible benefits for the end user.

  – Spearheaded the development of comprehensive unit tests, elevating code coverage for previously released products.

  – Proactively addressed and resolved diverse bugs and challenges encountered during testing.

- **Emission Reporter**   **Jan'21 – Present**

  – Collaborated on engineering a cutting-edge emission reporting system, utilizing Spring MVC, MySQL, and React.js for seamless deployment and exceptional performance.

  – Achieved 90% code coverage with meticulous unit test cases, ensuring system reliability and stability.

  – Swiftly resolved critical bugs during rigorous testing and CI pipelines, demonstrating keen problem-solving skills.

  – Provided expert production support, enhancing user satisfaction and system efficiency.

Skills

- **Languages:** Java 8,MYsql, acquainted with JavaScript
- **Frameworks:** Spring MVC, Spring Boot, Hibernate
- **Technologies and APIs:** Restful , Multi-threading, Apache Kafka,
- **Testing:** JUnit, Mockito
- **Build and Dependency Management:** Maven
- **Tools:** Git, Jira, Postman, IntelliJ IDEA
- **Security:** Basic, Oauth2, JWT tokens

Certifications

- *Azure Fundamentals*   *2022*

Languages

- *Hindi, English*

Education

- *Diploma in Advanced Computing from CDAC* (**Percentage:** 70%)   *August 2019 – Feb 2020*
- *B.Tech in Mechanical Engineering* (**Percentage:** 80%)   *August 2015 – May 2019*