Avinash Chandra

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Summary

Accomplished Senior Backend Java Engineer boasting 7 years of honed expertise in Java/J2EE technologies. Renowned for adeptly designing, developing, and delivering sophisticated software applications that elevate platform functionality. Recognized for a discerning eye in bug detection and a knack for prescribing effective solutions, significantly enhancing overall product efficiency. Proficient in Java, J2EE, REST APIs, and SQL databases, employing a holistic approach to maximize web development efficiency. Possesses strong design acumen and integrated problem-solving skills, ensuring the delivery of high-quality solutions through meticulous coding, testing, and implementation.

Work Experience

- **SDE-III, Airtel Payments Bank (Dec' 2022 – Present)**
  - Led development of critical API services for the entire banking infrastructure.
  - Spearheaded a comprehensive user security project from inception to implementation.
  - Designed workflow diagrams and architected databases for optimal performance and reliability.
  - Actively contributed to a Spring Boot project, focusing on critical backend functionalities, collaborative problem-solving, and code optimization.
  - Implemented a dual-database strategy with Oracle and NoSQL (Aerospike) for efficient transaction management and limit enforcement; executed hands-on HSM encryption and decryption for secure data storage.
  - Played a key role in optimizing code, addressing technical challenges, and ensuring the overall success and efficiency of the project.

- **ASE-II, Optum Global Solutions (Oct' 2021 – Dec' 2022)**
  - Use Java technologies to build web application for expanding functionality of SaaS platform in agile work environment.
  - Developed web application using spring boot framework that leverages micro service architecture with custom exception handling implementation.
  - Worked closely on data structure, design patterns (Singleton, factory), queue concept etc.
  - Involved in design of web applications and contributed towards detailed design specification for web application.

- **Technology Analyst, Infosys Ltd. (Jan' 2018 – Oct' 2021)**
  - Conducted in-depth analysis of core business processes and client requirements, laying the groundwork for effective design solutions.
  - Spearheaded the development of the business and persistence layer for a monolithic web application, showcasing expertise in Java technologies.
  - Collaborated seamlessly within a team to troubleshoot and resolve production issues, ensuring the smooth operation of critical systems.
  - Demonstrated hands-on experience in managing use cases, functional specifications, and business analysis, while playing a pivotal role in upgrading services to new technologies such as Java, Spring Boot, Rest API, MVC architecture, and microservices. Additionally, actively contributed to Junit test case implementation and post-development code analysis.

Education

- **National Institute of Technology, Patna**
  B. Tech in Information Technology, June' 2017
  GPA- 7.02/10

Technical Skills

- **Language:** Java
- **Programming Technologies:** DS & Algorithms, DB(SQL, NoSQL), maven, Jenkins, micro services, Restful webservices, SQL, MVC architecture, Junit testing, API design & development, HSM enc/dec & secure data processing.
- **Frameworks:** Hibernate, Spring boot, MVC architecture.