AKARSH KUMAR

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SUMMARY

Software developer with 3.5 years of experience in Identity and Access Management (IAM) crafting highly scalable microservices and web applications using Java. Proficient in Java, Spring Boot, C++, SQL and RESTful API development, with hands-on experience in SaaS migrations and secure software practices.

TECHNICAL SKILLS

Backend: C, C++, Java, Spring Boot, SQL, Docker
Frontend: HTML, CSS, Javascript
Utilities: Git, IntelliJ, Eclipse, Postman

PROFESSIONAL EXPERIENCE

OpenText, Bangalore   Oct 2021 – Present
Associate Software Engineer

- **ILM (Identity Lifecycle Management):**
  - Spearheaded migration of IDM software from an on-premise setup to cloud-based SaaS platform
  - Developed and optimized event-driven processes in the codebase to manage identity-related operations
  - Revamped and optimized the existing product codebase to improve maintainability
  - Recorded an improvement of system responsiveness and operational efficiency by over 45%
  - Collaborated among 4 cross-functional teams, resulting in a 20% improvement in project turnaround time
  - Tools and Technology used: Java, SCIM, Docker, RabbitMQ, Neo4j and openSUSE
- **IDM (Identity Manager):**
  - Led the migration from Java 8 to Java 11, ensuring continued functionality and modernization
  - Addressed and resolved over 40 customer-reported defects, ensuring optimal software performance and user satisfaction
  - Ensured FIPS compliance for 3 components by integrating and validating approved cryptographic modules, to achieve FIPS 140-3 compliance
  - Improved software security by resolving vulnerabilities flagged by Fortify scans by 70%
  - Tools and Technology used: Java, C++, openSUSE, and Fortify Scan
- **PDT (Package Deployment Tool):**
  - Steered the extraction of driver packages from a desktop application and developed a new globally accessible service, enabling remote accessibility and enhanced usability
  - Analyzed and implemented RESTful APIs, integrating the frontend with the backend to provide seamless user experiences
  - Tools and Technology used: Java, Dropwizard, Fortify Scan and Jetty Server

Vodafone Intelligent Solutions, Pune   Aug 2021 – Oct 2021
Engineer Trainee

- Completed an intensive curriculum covering core components of Java programming language
- Gained hands-on experience with advanced debugging tools, enhancing proficiency in identifying and resolving software issues

EDUCATION

Birla Institute of Technology Mesra   Aug 2017 – May 2021
B.E. - Computer Science: CGPA - 7.54

CERTIFICATIONS

- SQL, HackerRank   Aug 2024
- AWS Training and Certification, AWS   Jul 2024
- Java Programming, NIIT   Jul 2018