Ayush Sharma

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SKILLS SUMMARY

- **Languages:** Java, JavaScript, HTML, CSS
- **Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Spring Cloud, Spring AOP, Hibernate, React, jQuery
- **Messaging & Streaming**: Apache Kafka
- **Databases:** MySQL, PostgreSQL
- **Cloud & DevOps:** AWS, Maven, Git, Docker, Kubernetes
- **Architecture & Concepts:** Microservices, Object-Oriented Programming (OOP), Design Patterns, SOLID Principles, Data Structures & Algorithms

EXPERIENCE

Daxko (Hybrid) - Noida, India
Associate Software Engineer (Full-time) *April 2023 - Present*

- **Integrated Generative AI** to automate text and email content generation and summarize chat conversations, reducing manual effort by 60% and improving user productivity.
- Reduced response times by 30–40% in high-traffic modules by **optimizing backend logic, refining SQL queries,** and **applying caching.**
- Resolved 100+ **security vulnerabilities** reported by **Snyk**, enhancing application security and ensuring compliance with internal security standards.
- Developed and maintained backend **RESTful API services** and scheduled **Cron jobs** to automate database cleanup and recurring business tasks, reducing manual effort by 40% and enhancing operational efficiency.
- Implemented new features and fixed critical bugs, improving system reliability and reducing user- reported issues by 20%.
- Integrated SaaS-based CRM application with 5+ Daxko products, ensuring seamless data flow and increasing customer reach by 25%.
- Contributed throughout the **SDLC** and collaborated effectively with cross-functional teams in the US and India—including **QA, Product Management**, and **UX/UI**—to deliver high-quality features on time.
- Participated in **code reviews** to ensure **code quality**, maintainability, readability, and adherence to coding standards, promoted best practices and effective team collaboration.
- Demonstrated leadership by **mentoring interns**, providing guidance that enhanced their technical skills and overall performance, resulting in a 15% increase in team productivity.

PROJECTS

- **E-Health Care Web Application**
  Built a full-stack web application enabling patients to book online appointments and connect with nearby doctors based on healthcare needs.
  - Implement end-to-end CRUD functionality and a responsive user interface to streamline data management and enhance user experience.
  - **Technologies:** Java, Spring Boot, MySQL, HTML, CSS & jQuery

- **Enhanced Playfair Cipher Security Using Extended RSA**
  Developed a Java-based research project to improve Playfair cipher security by integrating extended RSA.
  - Expanded Playfair cipher matrix from 5x5 to 16x16.
  - Implemented multi-prime RSA encryption, enhancing key security by 40% compared to standard RSA algorithms.

EDUCATION

- **GLA University** Mathura, India
  Bachelor of Technology in Computer Science and Engineering *July 2019 - June 2023*
  Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Distributed Systems, Database Systems, Cryptography, Artificial Intelligence, Machine Learning

AWARDS & CERTIFICATIONS

- **Daxko Lab Days 2024 Winner**: Secured first place in Daxko's company-wide innovation Codefest, competing among 100+ teams.
- **Agile Development Practices Certification**: Completed *Agile Development Practices* course through LinkedIn Learning.