

# Ayush Sharma

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## SKILLS SUMMARY

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- **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
- **Build, Version Control & Containerization:** Maven, Git, Docker, Kubernetes
- **Architecture & Concepts:** Microservices, Object-Oriented Programming (OOP), Design Patterns, SOLID Principles, Data Structures & Algorithms

## EXPERIENCE

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### Daxko

Associate Software Engineer (Full-time)

(Hybrid) - Noida, India

April 2023 - Present

- Integrated **AI-driven content generation** for text and email, along with chat conversation summarization, reducing manual user effort by 60% and boosting overall productivity.
- Enhanced system performance by optimizing **backend logic** and **SQL queries**, achieving 30–40% faster response times on high-traffic modules.
- 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.
- Resolved 100+ **security vulnerabilities** reported by Snyk, enhancing application security and ensuring compliance with internal security standards.
- 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%.
- Participated in **code reviews** to ensure code quality, maintainability, readability, and adherence to coding standards, promoted best practices and effective team collaboration.
- 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.
- Demonstrated leadership by **mentoring interns**, providing guidance that enhanced their technical skills and overall performance, resulting in a 15% increase in team productivity.

## PROJECTS

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### 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

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### GLA University

Bachelor of Technology in Computer Science and Engineering

Mathura, India

July 2019 - June 2023

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, Distributed Systems, Database Systems, Cryptography, Artificial Intelligence, Machine Learning

## AWARDS & CERTIFICATIONS

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- **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.