

AAKASH KUSHWAHA

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Summary

Aspiring Backend Software Engineer with hands-on experience in Java, Spring Boot, REST API development, and database-driven applications. Strong understanding of OOP principles, modular code design, backend integrations, debugging, and Agile development practices. Experienced in building scalable backend systems with clean coding standards and basic security awareness.

Education

Noida Institute of Engineering and Technology

B.Tech in Computer Science & Engineering (Artificial Intelligence)

Jul 2022 – Jul 2026

Greater Noida, UP

Training & Internships

Software Development Engineer (SDE) Trainee

Jun 2025 – Sep 2025

MyAnatomy Platform

Campus Training

- Worked on backend development using Java Spring Boot, REST APIs, and MySQL for data-driven applications.
- Applied OOP principles to design modular, reusable, and maintainable backend components.
- Assisted in API integration, backend debugging, and testing using Postman to improve application stability.
- Followed Agile development practices, coding standards, and basic API security guidelines.

Artificial Intelligence & Data Analytics Intern

Dec 2024 – Jan 2025

Edunet Foundation (AICTE & Shell – Skills4Future)

Virtual Internship

- Completed a 4-week internship focused on AI, data analytics, and sustainability-driven insights.
- Built an “Energy Consumption Trend Analysis” dashboard using Power BI under industry mentorship.
- Strengthened analytical thinking, data processing, and real-world problem-solving skills.

Projects

AI-Assisted Resume Builder

Mar 2025 – Aug 2025

- Developed a backend-driven Resume Parser to extract skills, keywords, and experience using NLP and Sentence-BERT embeddings.
- Implemented an ATS simulation module using similarity scoring algorithms and integrated career path prediction with skill-gap analysis.
- Designed scalable backend logic for resume uploads, processing workflows, and data storage.

Smart Healthcare Appointment System

Aug 2025 – Oct 2025

- Built a backend-centric web application for appointment booking, doctor availability, and medical record management.
- Developed secure REST APIs using Spring Boot and MySQL for efficient data storage and retrieval.
- Handled backend validation, error handling, and API testing to improve system reliability.

Technical Skills

Languages: Java, Python, JavaScript, PHP, HTML, CSS

Frameworks/Tools: Spring Boot, ReactJS, Node.js, Flask, REST APIs, Version Control, Postman

Databases: MySQL, MongoDB (basic)

Core Concepts: DSA, OOP, DBMS, DevOps, Operating System, computer networking

Other: Backend Debugging, API Testing, Logging Basics, Agile, Clean Code Practices, Basic Security Awareness

Certifications

MyAnatomy SDE Training — Java & DSA — Python for Data Science — 300+ DSA Problems