

ABHAY SINGH VERMA

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Portfolio

LinkedIn

GitHub

LeetCode

Codeforces

CodeChef

HackerRank

Summary

Software Engineer with a proven track record of delivering impactful solutions in complex, large-scale systems. Proficient in **System Design**, **Java** and **C++** with hands-on experience in **Spring Boot**, **backend APIs**, and database-driven applications.

Education

Harcourt Butler Technical University

Kanpur, Uttar Pradesh India

B.Tech in Computer Science And Engineering — CGPA: 8.59

2020 – 2024

Experience

Samsung R&D Institute India

Bangalore, India

Senior Software Engineer

Mar 2026 – Present

Software Engineer

Aug 2025 – Feb 2026

- Worked on **Samsung Finance+ NBFC** systems, developing and implementing backend modules for payment processing, EMI reconciliation, and transaction workflows across multiple countries while ensuring regulatory compliance.
- Developed a **batch reconciliation job** to recover missed EMI payments during DB outages, ensuring **100% payment consistency**.
- Developed and implemented **payment gateway modules** for NBFCs across multiple countries while ensuring regulatory compliance.
- Implemented an **AOP-based retry mechanism** for gRPC failures, reducing payment errors by **35%**.
- Built a **mock server for external APIs**, accelerating development and testing cycles by **40%**.
- Wrote extensive **unit tests** and integrated a new **SMS vendor** to improve delivery reliability.
- Collaborated with cross-functional teams to enhance existing payment modules and streamline deployment processes.

Servosys Solution Pvt. Ltd.

Noida, India

Software Engineer

Jul 2024 – Jul 2025

Software Engineer Intern

Jan 2024 – Jun 2024

- Worked on **Axis Bank** backend systems, aligning APIs with business and compliance requirements.
- Developed and optimized APIs, reduced payload size to enhance performance and introduced query-based retrieval for efficient data access.
- Implemented **CSALT** to enhance security and compliance, Integrated **Two-Factor Authentication (2FA)** to strengthen system security..
- Integrated third-party APIs using **Spring Boot** to extend system capabilities followed **Agile** methodology to plan, develop, and deliver product enhancements.
- Built an automation testing framework using **Selenium** WebDriver with Java to ensure product reliability.

Skills

Languages: Java, C++

Frameworks: Spring Boot, JSP, Servlet, React.js, Selenium (Java), REST APIs, OPEN APIs

Databases: MySQL, Oracle

Tools: GitHub, Git, VS Code, Jira, BitBucket, AWS, Docker

Other Skills: Data Structures, Algorithms, OOPs, Operating Systems, Problem Solving, Teamwork, Critical Thinking

Projects

File Sharing App

GitHub — Live

- Built a cloud-based application enabling secure file upload, download, and shareable links using **React**, **Node.js**, **ExpressJS**, **MongoDB** and **cloud hosting**.

JSON Formatter & Validator

GitHub — Live

- Developed a web tool to format, validate, and minify JSON with real-time error detection using **React** and **JavaScript**.

Achievements

- Solved **850+** DSA problems across platforms; **Codeforces Specialist**; **3-star CodeChef**.
- Secured **135th** rank in CodeChef Starters 154 and **239th** rank in Starters 74.
- **5-star HackerRank** in Problem Solving and C++.
- Completed Coursera certifications in Data Structures (C++), OOPS and Frontend with React.