

Abhinav Kannaujia

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EDUCATION

Ajay Kumar Garg Engineering College, Ghaziabad
Bachelor of Technology in **Computer Science**

2019 - 2023

CGPA – 8.1

St. Xaviers Senior Secondary School

Senior Secondary (Class XII) | Central Board of Secondary Education

2017 - 2018

Percentage – 90.8%

WORK EXPERIENCE

Software Development Engineer 1 – SBS, Noida (India)

August 2023 – December 2024

- Developed backend services with SOAP and REST APIs using Java, ensuring reliability through validation in Postman and SOAP UI, improving API response efficiency by **30%**.
- Created APIs to interact with various databases, enabling seamless data exchange for client applications.
- Automated CI/CD pipelines using **Jenkins, Ansible, and GitLab**, reducing deployment time by **40%**.
- Implemented optimizations that improved API response time by **50%** and reduced latency by **35%**.
- Automated housekeeping tasks on Linux servers using **shell scripts**, reducing downtime by **35%** and improving operational efficiency.

PROJECTS

ShortLy – Full Stack Application

React | Spring Boot | PostgreSQL | JWT | Tailwind CSS

- Built a full-stack URL shortener using **React** (frontend) and **Spring Boot** (backend), enabling users to generate and manage short links.
- Dockerized and deployed the full-stack app with env-based config and remote **PostgreSQL** integration.
- Implemented **JWT-based authentication** for secure and restricted API usage. Integrated frontend and backend using **Axios** for efficient HTTP communication and error handling.
- Designed a responsive and dynamic UI with React, featuring login, signup, dashboard, and URL tracking views.
- Live - <https://shortly-proj.netlify.app/>

Smash Balls

HTML | CSS | JavaScript

- Developed an interactive JavaScript game featuring real-time movement, collision detection, and score tracking.
- Implemented core JavaScript concepts including object-oriented programming, animations, collision detection, and dynamic DOM manipulation.
- Live - <https://smash-balls.netlify.app/>

SKILLS

Problem Solving: Data Structures and Algorithms, Competitive Programming, Object-Oriented Programming

Language: Java, C++, HTML, CSS, Javascript, Linux, Python, Spring (Core, Boot, MVC, Security)

Database Management: MySQL, MongoDB (NoSQL)

Development Tools: Git, VS Code, Eclipse, Postman, IntelliJ

Containerization and Automation: Docker, Kubernetes, Jenkins, SonarQube, AWS

ACHIEVEMENTS

- Solved more than 500+ problems across platforms, like Leetcode, Codechef.
- Awarded with Kalam award in SBS organization for excellence in innovation and dedication in project delivery.