

Lakshya Saxena

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SUMMARY

Proactive and detail-oriented Backend Developer with foundational experience in the complete software development lifecycle (SDLC). Proficient in building and deploying scalable RESTful APIs using Java/Spring Boot and Node.js/Express.js. Skilled in database management with MySQL and MongoDB, and knowledgeable in microservices architecture. Committed to Object-Oriented Programming (OOP) principles and writing clean, scalable, and well-documented code.

EDUCATION

Shri Ram Murti Smarak College of Engineering and Technology

B.Tech in Computer Science and Engineering

Bareilly, U.P.

Sept 2021 – June 2025

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks.

Hartmann College

Higher/Senior Secondary (Class XII)

Bareilly, U.P.

Mar 2020 – Mar 2021

WORK EXPERIENCE

SofttechBee Pvt. Ltd. - Web Development Intern

Remote

July 2024 – Dec 2024

- Spearheaded the end-to-end software development lifecycle (SDLC) for 3+ client web applications, from initial requirement analysis to final deployment.
- Developed and maintained scalable server-side logic using Node.js and Express.js, integrating multiple third-party RESTful APIs to extend application functionality and achieving a 15% improvement in responsiveness.
- Enhanced database performance by designing and implementing efficient MySQL queries and transactions, resulting in a 20% boost in data handling efficiency.
- Authored comprehensive API documentation and collaborated closely with front-end teams within an Agile framework, contributing to a 25% reduction in integration bugs.

PROJECTS

Alumni Association Portal

Feb 2025 – July 2025

- Architected a full-stack MERN (MongoDB, Express.js, React, Node.js) portal to facilitate professional networking, featuring robust RESTful APIs for seamless data exchange.
- Designed and implemented a normalized MySQL database schema to the Third Normal Form (3NF), ensuring high data integrity and optimizing complex profile-matching queries.

Discussion Forum

Oct 2024 – Dec 2024

- Engineered a secure, multi-threaded discussion platform using Java Servlets and JDBC for backend operations.
- Implemented a robust user authentication and authorization system, incorporating password hashing and session management to secure user data and improve data retrieval times by 15%.

Campus Elevate

July 2024 – Aug 2024

- Developed a multi-module campus management portal using the MERN stack, including library management, a lost & found system, and feedback submission modules.
- Engineered RESTful APIs for the Lost & Found module utilizing Node.js, Express.js, and MongoDB, which decreased average item search latency by 30%.

TECHNICAL SKILLS

- Languages:** Java, JavaScript, C++, SQL, PHP
- Backend Technologies:** Spring Boot, Node.js, Express.js, Java Servlets, JDBC, RESTful APIs
- Databases:** MySQL, MongoDB
- Frontend:** HTML, CSS
- Developer Tools:** Git, GitHub, VS Code, Postman, Android Studio
- Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, SDLC, Agile Methodologies

AWARDS & ACHIEVEMENTS

- Awarded **Consolation Prize** among 50+ teams in Hackathon 2.0 (2024).
- Achieved **2nd Place** in Blind Coding – TechVyom (2023).
- Secured **3rd Place** in Codefeeder – Comptech (2021).