Lakshya Saxena

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SUMMARY

Aspiring Software Engineer with experience in full-stack web development, specializing in the MERN stack. Proficient in designing, developing, and deploying scalable applications with a strong foundation in data structures, algorithms, and database management. Seeking to leverage technical skills to build innovative software solutions.

EDUCATION

Shri Ram Murti Smarak College of Engineering and Technology — Bareilly, U.P.
B.Tech in Computer Science and Engineering — Sept 2021 – June 2025
Relevant Coursework: *Data Structures Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks.*

Hartmann College — Bareilly, U.P.
Higher/Senior Secondary (Class XII) — Mar 2020 – Mar 2021

WORK EXPERIENCE

SoftechBee Pvt. Ltd. - *Web Development Intern* — Remote
July 2024 – Dec 2024

- Directed the full software development lifecycle (SDLC) for 3+ client web applications, from requirements gathering to final deployment.
- Engineered scalable server-side logic using Node.js and integrated multiple third-party RESTful APIs, improving application responsiveness by 15%.
- Optimized backend workflows by streamlining database queries with MySQL transactions, boosting data handling efficiency by over 20%.
- Authored API specifications and collaborated with front-end teams in an Agile environment, resulting in a 25% reduction in integration bugs.

PROJECTS

Alumni Association Portal — *Feb 2025 – July 2025*

- Architected a full-stack MERN portal to facilitate professional networking, featuring a Node.js backend and a dynamic React front-end.
- Designed and implemented a normalized MySQL database schema to 3NF, ensuring data integrity and optimizing complex profile-matching queries.

Discussion Forum — *Oct 2024 – Dec 2024*

- Built a secure, multi-threaded discussion platform with a user authentication system featuring password hashing and session management.
- Implemented backend logic using Java Servlets and JDBC, improving data retrieval times by 15% through optimized SQL queries.

Campus Elevate — *July 2024 – Aug 2024*

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

TECHNICAL SKILLS

- **Languages:** Java, C++, Node.js, JavaScript, SQL
- **Front-End:** HTML, CSS
- **Back-End:** Node.js, Express.js, Java Servlets, PHP, Spring Boot
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** Git, GitHub, VS Code, REST APIs, Android Studio

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).