

Ayush Kumar

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🐙 [GitHub](#) 👤 [Portfolio](#)

Technical Skills

Languages and Databases: JavaScript, Java, SQL, MySQL, PostgreSQL, MongoDB

Frameworks & Libraries: React, Next.js, JSP, Express.js, Spring Framework (including Spring Boot)

Tools: Git, GitHub, Bootstrap, Tailwind CSS

Experience

Mittal Software Lab

August 2024 – Nov 2024

Software Developer

New Delhi, India

- **Developed and maintained web applications** using **Java** and the **MERN stack**, delivering **high-performance, scalable solutions** to meet business needs.
- **Led designing and implementing** a comprehensive **inventory management system**, enhancing **item tracking accuracy** and optimizing inventory control processes.
- **Developed the Innowize Consulting application**, designing and implementing key features to streamline business operations and improve user interaction with the platform.
- **Collaborated with UI/UX designers** to craft **responsive, visually appealing interfaces**, ensuring a **seamless user experience** across all devices and platforms.

Smart Education Service and Technology

May 2022 – August 2022

Software Developer

New Delhi, India

- **Collaborated on a government project** to optimize **garbage collection management systems**, enhancing operational efficiency and accountability.
- **Developed a web app** for municipal authorities to track collection schedules, monitor fleet operations, and manage real-time service requests.
- **Implemented a user-friendly interface** with **React**, allowing residents to report issues, view schedules, and receive updates.
- **Integrated backend services** using **Node.js** and **MongoDB**, managing data on routes, vehicle locations, and service requests, which led to a **25% reduction in missed pickups**.
- **Performed extensive testing and debugging**, ensuring system reliability and improving both public satisfaction and operational transparency.

Grofkit Private Limited

Feb 2024 – May 2024

Software Developer Intern

Muzaffarpur, India

- **Optimized MongoDB database queries**, significantly improving **data retrieval times** and boosting overall **application performance**.
- **Integrated front-end and back-end** independently, ensuring smooth data flow and a seamless user experience across the application.
- **Created a responsive website** to showcase company details, enhancing **online presence** and driving **user engagement** through an intuitive design and seamless functionality.

Analoh Capital

August 2023 – Feb 2024

Software Developer Intern

Jaipur, India

- **Developed a feature-rich notebook application** using **React** and **Node.js**, allowing users to **sign up, log in**, and securely create, edit, and organize their notes, with personalized storage and seamless functionality.
- **Implemented features** such as **full-screen, dark mode**, and other custom functionalities from scratch, enhancing user experience and application interactivity.
- Gained comprehensive experience in front-end and back-end development, strengthening skills in creating user-friendly applications.

Education

Lalit Narayan Mithila University

June 2021–July 2024

Bachelor of Science in Mathematics

Bihar, India