

Devanshu Kumar Singh

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EDUCATION

UIET (Panjab University)

B.E. In Information Technology

Chandigarh

Aug. 2023 – May 2027

SUMMARY

Full-Stack Developer with hands-on experience in building scalable web applications using JavaScript, React.js, Node.js, Express.js, and MongoDB. Proficient in both frontend and backend development, with a solid understanding of RESTful APIs, UI/UX design, and responsive interfaces using Bootstrap and Tailwind CSS. Passionate about clean code architecture, automation, and performance optimization. Experienced in Git, version control, and collaborative development via open-source contributions. Currently expanding skillset in DevOps, cloud deployment, Docker, and Kubernetes to build resilient and containerized applications. Actively seeking opportunities to contribute to innovative projects and grow as a software developer.

EXPERIENCE

Open Source Contributor

September 2024 – October 2024

GIRLSCRIPT SUMMER OF CODE 2024-EXT

- Actively contributed to multiple open-source projects, leveraging React.js, JavaScript, Firebase, and Node.js.
- Collaborated with developers worldwide to resolve complex issues, optimize codebases, and develop new features.
- Enhanced expertise in Git version control, peer code reviews, and agile development methodologies.

PROJECTS

Real-Time Collaborative Code Editor | *TypeScript, Node, Socket.io, Docker, CodeMirror* Feb 2025 – Present

- Developed a multi-user, real-time code editor enabling collaborative programming with instant code synchronization, in-room chat, and live user presence tracking.
- Implemented features such as syntax highlighting, file/folder operations, code execution, AI-assisted code suggestions, and collaborative sketching using WebSockets.
- Enabled room-based collaboration with unique room IDs, user notifications, customizable themes, and seamless multi-language support for a tailored coding experience.

Event-Management-Platform | *JavaScript, React, Node, Express, MongoDB*

Feb 2025 – March 2025

- Developed a role-based platform supporting event creation, registration, attendance tracking, and real-time analytics for users and admins.
- Implemented secure JWT authentication, real-time status handling, and an intuitive dashboard to streamline user interaction and admin control.
- Focused on clean code structure, modular component design, and UI responsiveness using Bootstrap and React for optimal usability.

Tourism Website | *JavaScript, React, Node, Express, MongoDB*

Dec 2024 – Jan 2025

- Engineered a full-stack tourism web application enabling users to discover top destinations in India through real-time search and curated content.
- Designed and developed a fully responsive UI using React and Bootstrap to enhance cross-device usability and user experience.
- Built a RESTful backend with Express.js and MongoDB to efficiently manage location data, user interactions, and dynamic content delivery.

TECHNICAL SKILLS

Languages: JavaScript C/C++, SQL (MYSQL), HTML, CSS

Frameworks/Libraries: React, Node.js, Express.js, MongoDB, Framer Motion, Bootstrap, Tailwind, Material-UI, FastAPI, Docker, Nginx

Tools/Platforms: Linux, Git, Postman, Firebase, Netlify, Vercel