

MAYANK SINGH

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EDUCATION

Shri G.S. Institute Of Technology and Science, Indore
B.Tech. Electrical Engineering

October 2021 - Present
CGPA: 7.51/10

TECHNICAL SKILLS

Programming Languages:	C, C++, SQL, JavaScript
Web Development:	React.js, Node.js, Express.js, RESTful APIs, HTML, CSS, EJS, Bootstrap
Databases & Cloud:	MySQL, MongoDB, MongoDB Atlas, Cloudinary
Tools & Platforms:	VS Code, Git, GitHub, Render, Canva, Mapbox
Technical Fundamentals:	Data Structures & Algorithms, OOP, DBMS, Operating Systems

PROJECTS

Budgetbook - [GitHub](#) - [Live Demo](#) November 2024 - December 2024

- Built a **full-stack web app** for budget management, expense tracking, and AI-driven financial insights.
- Integrated **Google Gemini API** for financial tips, **Chart.js** for **data visualization**, and **jspdf** for automated report generation.
- Developed **RESTful APIs** for group expense splitting and contributor management with **secure authentication** via **JWT** and **bcrypt**.
- Deployed on **Render** with **MongoDB Atlas** for cloud storage and optimized sessions with **MongoStore**, achieving **99.9% uptime**.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Google Gemini API, JWT, Chart.js, jsPDF.

Wanderlust - [GitHub](#) - [Live Demo](#) September 2024 - October 2024

- Developed a **full-stack web app** with **MVC architecture** for travel listings and CRUD operations.
- Implemented **authentication and authorization** using **Passport.js** and schema validation with **Joi**.
- Integrated **Cloudinary** for image uploads and **MongoDB Atlas** for data storage via **Mongoose**.
- Deployed on **Render** with robust error handling and **RESTful routing** using **Express.js** and **method-override**.
- **Tech Stack:** HTML, CSS, JavaScript, EJS, Node.js, Express.js, MongoDB, Joi, Passport.js, Mapbox, Cloudinary, Bootstrap.

CERTIFICATIONS

- **The Complete 2023 Web Development Bootcamp, Udemy** - [Certificate](#) December 2023
Comprehensive course covering full stack web development, RESTful APIs, and deployment.

EXTRA-CURRICULAR ACTIVITIES

- Achieved a global rank of 1079 in TCS CODEVITA Season 11, solving complex DSA problems.

POSITIONS OF RESPONSIBILITY

- **Captain of the School's Students Activity Council** July 2018 - May 2019
Organized and led school-wide events, fostering teamwork and improving student engagement.
- **Captain of the School Kho-Kho Team** July 2014 - May 2017
Led the kho-kho team to a 3-year winning streak in school-level competitions, demonstrating strategic leadership.