NIKIL G S

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Summary

Aspiring MERN Stack Developer skilled in building responsive and scalable web applications. Proficient in HTML5, CSS3, JavaScript (ES6+), and the MERN stack (MongoDB, Express.js, React, Node.js). Experienced in RESTful APIs, authentication, and real-time features for web platforms. Strong foundation in Python, Java, and teamwork with effective communication skills.

Education

Kalpataru Institute of Technology, Tiptur   2021–2025
B.E in Computer Science and Engineering (CSE), CGPA: 8.2

PES College of Polytechnic, Shivamogga   2020–2022
Diploma in Metallurgical Engineering

Morarji Desai Residential School, Hosur   2018–2019
SSLC

Skills

- **Frontend:** React.js, JSX, Hooks, Context API, Redux, HTML5, CSS3, JavaScript (ES6+), Responsive Design

- **Backend:** Node.js, Express.js, RESTful APIs, Middleware, Routing, Authentication (JWT, Auth)

- **Database:** MongoDB, CRUD Operations, Schema Design, Indexing, Mongoose ODM

- **Version Control:** Git, Branching, GitHub/GitLab Workflow

- **Soft Skills:** Effective communication, collaborative team player

Projects

Book My Ticket   June 2025 – Ongoing

- Developed a complete train ticket booking system allowing users to search for trains, view schedules, check seat availability, select seats, and book tickets with instant confirmation.
- Implemented user registration, login, profile management, and real-time seat updates to prevent double bookings.
- Added booking history, cancellation, and payment status tracking.
- Built a responsive, user-friendly interface with efficient backend APIs for seamless performance.

E-Commerce Web Application   February 2025

- Developed a full-stack e-commerce platform with modular architecture.
- Built client-side in React with authentication, product display, cart, and checkout features.
- Created RESTful APIs in Node.js/Express for product, user, and order management.
- Implemented JWT authentication and integrated PayPal and Cloudinary services.
- Added real-time notifications with Socket.io for order updates and cart sync.

Smart Drug Label Analyser January 2024

- Built an AI system to interpret pharmaceutical labels using image processing and NLP.
- Extracted dosage, warnings, expiry dates, and ingredients to assist patients.
- Enhanced safety and streamlined pharmaceutical inventory tracking.

Internships

STEMUP – MERN Stack Internship June 2025 – Ongoing

- Developed responsive web applications using MongoDB, Express.js, React, Node.js (MERN stack).
- Implemented RESTful APIs for frontend-backend communication.
- Worked on user authentication, session management, and data validation.
- Collaborated with the team to design dynamic UI components and optimize performance.

Application Developer (Web & Mobile) Sep 2024 – Feb 2025

- Built responsive and scalable web and mobile applications.
- Integrated APIs and optimized UI/UX design for performance.
- Followed Agile methodologies and clean code practices.

Aqumenz Automation Pvt. Ltd – Python Intern Oct 2023 – Nov 2023

- Gained hands-on experience in real-world Python projects.
- Developed a project on gold rate prediction using Python and Machine Learning.

Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge.

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