

AVANI LODHI

Phone: 9406971305 | Email: avanilodhi29@gmail.com | Github: [avanilodhi](#) | Linkedin: [avani-lodhi](#)

Dynamic Full Stack Web Developer with a background in Mechanical Engineering and a strong passion for creating impactful web applications. Skilled in JavaScript, Nest.js, Node.js, and MongoDB, with a focus on writing clean, efficient, and maintainable code. Experienced in transforming ideas into scalable, user-friendly solutions. Demonstrates quick learning ability, effective collaboration in team environments, and a proactive approach to tackling new challenges.

EDUCATION

Bachelors (Mechanical Engineering) , Madhav Institute of Technology & Science	Jun 2019 - Jun 2023
12th , Sanskar Public School	Apr 2017 - Jun 2019
10th , Little Angels High School	Apr 2004 - Jun 2017

CERTIFICATIONS

Masai School , Zoom Marathon Speaking Challenge	🔗 Click To View
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Skills

Technical Skills	Core Java, Nest.js, MongoDB, Node.js, Git, JavaScript, Postman
Soft Skills	Time Management, Problem Solving, Teamwork, Effective Communication

Experience

EsMagico , Backend Developer	Oct 2024 - Apr 2025
- Built and maintained backend APIs for Plum (a cosmetic brand), supporting both their mobile app and admin panel. - Developed user management features blog management APIs (create, update, fetch) with complex logic for multi-table inserts, validations, and deep linking. - Worked on both legacy Node.js code and new NestJS architecture, helping in the migration and fixing critical bugs. - Integrated third-party services like Shopify and Razorpay to streamline e-commerce operations.	
Asian Business Services & Technologies , Software Developer	Jun 2023 - Sep 2024
- Contributed to both the legacy Node.js codebase and the new NestJS-based architecture, assisting in the gradual system migration while resolving high-priority bugs. - Collaborated closely with cross-functional teams to ensure seamless integration between backend services and client-facing applications. - Worked extensively with Node.js and Oracle PL/SQL, gaining hands-on experience in building scalable APIs and managing relational database operations.	

Projects

Open Code Dev (Code Editor)

Open Code Dev is an online code editor designed to allow developers to write, run, and collaborate on code directly from the browser. It supports real-time updates, making it ideal for coding on the go or working with others on shared projects. The editor simplifies the development process with an intuitive UI and support for multiple programming languages.

- 🔗 **Deployed Link** : <https://online-code-editor-silk.vercel.app/>
- 📁 **Github Repo** : https://github.com/shobhit9742/Online_Code_Editor
- Real-time Code Execution: Write and execute code with instant feedback. Multi-language Support: Supports various languages like HTML, CSS, and JavaScript. Collaborative Coding: Enables real-time collaboration with other developers. Syntax Highlighting: Automatically highlights syntax for improved readability.

Clone of T-Matric website T-METRIX

During my time at Masai School, I had the opportunity to participate in the Construct Week Project, a collaborative and intensive five-day initiative aimed at building a dynamic website from scratch. We built this project during our construct week. This is a clone of the T-matric website.

- 🔗 **Deployed Link** : <https://t-matrix.netlify.app/>
- 📁 **Github Repo** : <https://github.com/suraj0119/Godavari-Loop-004>
- Front-End Development: Designed and implemented responsive web pages using HTML and CSS. Ensured a seamless user experience by focusing on intuitive navigation and visually appealing layouts.
- Collaboration and Communication: Actively participated in daily stand-up meetings, code reviews, and pair programming sessions. Utilized version control (Git) to manage and merge code efficiently, ensuring smooth collaboration among team members.
- Performance Optimization: Implemented best practices for front-end performance optimization, including code splitting, lazy loading, and image optimization, to ensure fast load times and a smooth user experience.