SUJAY BABU THOTA

📞 (+91) 9346491221 ✉ Mail ⭘ Github in LinkedIn

Summary

Detail-oriented Computer Science and Design undergraduate with strong skills in full-stack development, AI integration, and scalable web systems. Demonstrated ability to deliver responsive applications, optimize user experience, and work across the full software stack. Seeking a Full Stack Developer role to apply my backend logic, frontend design, and deployment skills to real-world solutions.

Education

SRKR Engineering College, Bhimavaram   **Sep 2023 – Present**
B.Tech in Computer Science and Design   *CGPA: 8.21*

  – Focus: Full Stack Development, Software Engineering, Data Structures, Algorithms, Cloud Computing

Experience

Full Stack + AIML Intern at ASVIX   link   **Jun 2025 – Present**
MediBot – AI-Powered Health Companion

  – Developed an AI-driven health assistant used by 50+ users to interpret prescriptions and answer queries.

  – Reduced user confusion by 70% with LLM-based chat and prompt engineering.

  – Implemented medication reminder emails, increasing adherence by 40%.

  – Built as a web app with **TypeScript, Next.js, Tailwind, Firebase, AI/ML, and Prompt Engineering**; CI/CD via GitHub.

Freelance Web Developer   link   **Oct 2024 – Dec 2024**
Full Stack Developer

  – Built and deployed a fully functional school platform used by teachers and students.

  – Designed interactive dashboards and forms, improving usability for admins and teachers.

  – Integrated secure login/authentication and ensured role-based data access.

  – Developed using **HTML, CSS, JavaScript, PHP, and MySQL**, hosted publicly for real-world visibility.

Projects

NeuroHUB – Neurodiversity Platform   link

  – Launched an inclusive platform serving neurodivergent individuals with ADHD, autism, and dyslexia.

  – Reduced cognitive load by 50% through accessibility-first UI and dyslexia-friendly typography.

  – Integrated Firebase for real-time content delivery and seamless user experience.

ReDestiny – Smart URL Shortener   link

  – Engineered a scalable web app enabling secure custom link generation with real-time analytics.

  – Increased user retention by 30% through dashboard personalization and interactive UI.

Technical Skills

Languages: JavaScript, Python, PHP, TypeScript, Java
Frontend: React.js, HTML5, CSS3, Tailwind, Bootstrap, Material UI
Backend/DB: Node.js, NestJS, PHP, MongoDB, MySQL, Firebase, Supabase
Tools/Practices: Git, GitHub, Vercel, Netlify, Render, Agile REST APIs, CI/CD
ML/AI: Machine Learning, Prompt Engineering, AI APIs

Achievements

GDC Campus Hackathon   2024

  – Built a complete Nuerohub full-stack web solution within 24 hours.

  – Ranked among top 3 out of 50+ teams with a functional and user-centric app.