

MULLAPUDI SAI NIKHIL

Bhimavaram, Andhra Pradesh | sainikhilmullapudi1604@gmail.com | 7093647471 | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Full-stack developer proficient in building scalable web applications using the MERN stack and modern frameworks. Experienced in designing optimized backend architectures and interactive, performance-focused frontends. Passionate about solving complex problems through clean code, innovation, and continuous learning.

EDUCATION

B.Tech in Artificial Intelligence & Data Science	2023-2027
SRKR Engineering College, Bhimavaram	CGPA: 9.50/10.0
Higher Secondary Education (XI-XII)	2021-2023
Bharatiya Vidya Bhavan's	Percentage: 90.4%
Secondary Education (X)	2020-2021
Bharatiya Vidya Bhavan's	Percentage: 91%

EXPERIENCE

- **Frontend Developer Intern** | HealToFit | April 2025 - September 2025
 - Developed and optimized recipe template modules with verification and validation features for a healthcare platform connecting users with health coaches and ayurvedic experts.

PROJECTS

- **AQVH - Quantum Hybrid Optimization Platform** [[GitHub Repository](#)]
 - Developed a hybrid optimization system combining classical heuristics with quantum-inspired algorithms using FastAPI and Qiskit to solve Vehicle Routing Problems (VRP).
 - Built an interactive React dashboard for route visualization, algorithm benchmarking, and cost analysis through a scalable backend architecture.
- **Voice2Action - Civic Issue Reporting Platform** [[GitHub Repository](#)]
 - Built a multi-modal civic reporting system enabling citizens to submit issues via voice, text, or media with GPS tagging and real-time tracking.
 - Developed admin dashboards for verification, analytics, and instant SMS/email alerts using Twilio API and Socket.io to improve civic coordination.
- **Telemedicine Chatbot & Appointment Booking System** [[GitHub Repository](#)]
 - Created a Web-based chatbot for real-time medical consultation, health advice, and appointment scheduling.
 - Developed symptom analysis functionality to provide users with preliminary health guidance.
 - Designed an integrated system for scheduling and managing doctor appointments.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, JavaScript (ES6+), TypeScript
- **Technologies:** HTML5, CSS3, Bootstrap, Tailwind CSS, React, Node.js, Express.js, RESTful API
- **Database:** MongoDB, MySQL, Oracle
- **Tools & Others:** Docker, Git, GitHub, Postman

ACHIEVEMENTS

- **3rd Place** - DevOps 3-day Flowthon + 24hr Hackathon (February 2025) - Recipe Sharing Platform
- **5th Place** - AQVH - Amaravati Quantum Valley Hackathon, Worked on Quantum path planning for delivery vehicles