

# MULLAPUDI SAI NIKHIL

Bhimavaram, Andhra Pradesh | [sainikhilmullapudi1604@gmail.com](mailto: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>B.Tech in Artificial Intelligence &amp; Data Science</b>	<b>2023-2027</b>
SRKR Engineering College, Bhimavaram	<b>CGPA: 9.50/10.0</b>
<b>Higher Secondary Education (XI-XII)</b>	<b>2021-2023</b>
Bharatiya Vidya Bhavan's	<b>Percentage: 90.4%</b>
<b>Secondary Education (X)</b>	<b>2020-2021</b>
Bharatiya Vidya Bhavan's	<b>Percentage: 91%</b>

## 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