

VIJAYA DURGA GIDUTHURI

📍 Bhimavaram 📩 vijayagiduthuri2@gmail.com ☎ 9177469084 [in](#) LinkedIn [GitHub](#)

Education

Sagi Ramakrishnam Raju Engineering College, Bhimavaram <i>B.Tech in Artificial Intelligence and Data Science</i>	CGPA: 9.53/10.00 2023 – Present
Akhil Junior College, Prathipadu <i>Intermediate MPC</i>	Score: 97.9% 2021 – 2023

Technical Skills

Languages: C, Java, Python, JavaScript, TypeScript

Technologies/Frameworks: React.js, Node.js, Express.js, Tailwind CSS

Databases: MongoDB, MySQL, Postgre SQL

Developer Tools: Git, VsCode, Jupyter Notebook, Canva

Others: Data Structures and Algorithms

Projects

Online E-Auction System using Quantum Key Distribution

[Repository Link ↗](#)

- Online E-Auction System Using BB84 Quantum Key Distribution for encrypted bid amounts, a secure e-auction platform was developed.
- Robustness against both classical and quantum cyberattacks is ensured by simulated quantum key exchange.
- Enabled end-to-end data confidentiality, secure bidding, and result declaration.
- Tech Stack:** Quantum Simulation, FastAPI, and MERN Stack.

Civic Issues Reporting and Resolution System

[Repository Link ↗](#)

- Created a civic-tech platform that reports public issues in real time using geolocation tagging.
- In addition to an admin portal for task assignment, analytics, and monitoring, ML-driven automatic issue routing was put into place.
- Developed applications for administrators, technicians, and users to guarantee a more effective workflow for fixing problems.
- Tech Stack:** PostgreSQL, Supabase, Machine Learning, React.js, Node.js, Express.js.

Talkify – Real-Time Chat App

[Project Link ↗](#)

- Allows real-time messaging with typing indicators, images, and emojis.
- It has a responsive, easy-to-use user interface, friend management, and secure login.
- Tech Stack:** MongoDB, Socket, Express, Node, and React.

Weather Prediction using ML

[Project Link ↗](#)

- Using Linear Regression, a weather prediction model was created that achieved 99
- utilized supervised learning methods to produce accurate and effective weather forecasts.
- Tools Stack:** Python, Scikit-Learn, Pandas, NumPy, Matplotlib, and Flask.

Achievements

- HackOverflow-2k25 National Hackathon** – Secured **Runner-Up** position among 50+ teams.
- Amaravathi Quantum Valley Hackathon** – Secured 3rd place in internal hackathon.
- SIH 2025 Internal Hackathon** – Shortlisted among 300+ teams.
- Vedic Vision Hackathon 2k24** – Awarded a special category prize in a college-level hackathon.
- Academic Excellence Award** – Secured Second Prize in First Year for maintaining a 9.55/10 CGPA.

Certifications

- Programming Essentials in C** – Cisco Networking Academy
- Programming Essentials in Python** – Cisco Networking Academy
- Programming in Java** – NPTEL (Score: 90%)
- Introduction to internet of things** – NPTEL (Score: 78%)