

MEDIDA VENU NAGA SURYA KIRAN

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Summary

Web Developer undergraduate with an Electrical and Electronics Engineering background, actively transitioning into full-stack development. Experienced in building scalable web applications through hands-on projects and internships, with strong skills in MERN stack development, authentication systems, and database-driven applications.

Education

Ani Neerukonda Institute of Technology and Sciences
B.Tech, Electrical and electronics engineering

Expected May 2027
Visakhapatnam, Andhra Pradesh

Work Experience

Database Intern (MySQL) — Summer Internship
ExcelR EdTech Pvt. Ltd. (in collaboration with APSCHE)

May 2025 – July 2025

- Gained hands-on experience with relational database concepts including tables, constraints, joins, and normalization.
- Designed and executed SQL queries for data retrieval, filtering, aggregation, and reporting.
- Worked with MySQL to perform CRUD operations and understand real-world database workflows.
- Strengthened understanding of database management systems through practical assignments and case studies.

Projects

MERN E-Commerce Website – Full-Stack Shopping Platform | *React.js, Node.js, Express.js, MongoDB, Next.js*

- Developed a full-stack e-commerce application supporting user authentication, product browsing, cart management, and order processing.
- Implemented JWT-based secure login and registration, ensuring protected user sessions.
- Designed RESTful APIs using Node.js & Express.js to efficiently handle operations.
- Integrated MongoDB for scalable storage with optimized queries.

MERN Notes Website – Secure Note Management Application | *React.js, Node.js, Express.js, MongoDB, JWT* – Built a secure notes application enabling users to create, update, and delete personal notes.

- Implemented token-based authentication to ensure only authorized access.
- Designed MongoDB schemas for scalable note storage.

Personal Portfolio Website – Digital Resume Platform | *React.js, HTML, CSS, JavaScript* – Developed a responsive personal portfolio website.

- Implemented modular React components.
- Deployed the portfolio online as a digital resume.

Skills

Languages: Python, HTML, CSS, SQL, JavaScript

Libraries/Frameworks: Node.js, Express.js, React.js, pandas, Numpy

Database Systems: MySQL, PostgreSQL, MongoDB

Developer Tools: VS Code, Git, Jupyter Notebook, Postman

Soft Skills: Decision Making, Adaptability, Leadership, Creativity

Achievements

- Completed **Full-Stack Development Certification** from **Simplilearn** (January 2026).
- Earned **Artificial Intelligence Fundamentals Certification** from **IBM SkillBuild** (December 2025).