

NEERUKONDATRISHA

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SUMMARY

Currently serving as an Assistant Professor in Hindu College of Engineering and Technology, Guntur. I am now looking to transition my expertise in Python, SQL, and JavaScript into a professional Software Developer role. I am passionate about solving real-world problems through technology and eager to contribute to innovative, high-impact projects in the IT industry.

EDUCATION

B.TECH (CSE)

Hindu College of Engineering and Technology, Guntur (2021-2025)

CGPA: 7.0

Board of Intermediate Education (MPC)

NRI Junior College, Guntur (2019-2021)

CGPA: 68.6

Board of Secondary School Education

Oxford High School, Guntur (2018-2019)

CGPA: 8.2

TECHNICAL & SOFT SKILLS

- **Programming Languages** : C, Python
- **Frontend & Web Technologies** : HTML, CSS, JavaScript, Bootstrap
- **Database Management**: MySQL
- **Soft Skills**: Communication, Presentation, Teamwork, Leadership, Time management
- **Tools & IDEs**: GitHub, VSCode, XAMPP

PROJECTS

Smart Parking System:

- Applied IOT-based concepts to automate parking slot detection and status updates.
- Enhanced problem-solving, analytical, and programming skills through end-to-end project development.
- Developed a real-time parking detection model using sensors and IOT to reduce congestion and improve urban traffic management efficiency.

Predictive Analysis of Student Performance in Online Learning:

- Developed a machine learning model to predict student performance in online learning environments.
- Collected and preprocessed student data.
- Contributed to Data-driven decision making for course improvement and personalized learning outcomes.
- Applied machine learning techniques to analyze key factors influencing student performance in online learning environments, providing insights to enhance personalized education.

INTERNSHIPS

Generative AI & Prompt Engineering (Data Valley, 2025)

- Worked on building and fine-tuning AI prompts for text generation and chatbot applications.

Data Science (Brain O Vision Solutions, 2024)

- Implemented data preprocessing, visualization, and predictive modeling using python.

Mongo DB (QuedbedTech Pvt.Ltd.2023)

- Gained practical experience in data base management, CRUD operations, and NoSQL data modeling.

CERTIFICATES

- **Python Programming**- Infosys Spring Board
- **C-** Infosys Spring Board

ACHIEVEMENTS

- PALS Student Leader –IIT Madras Initiative: Leda student team, strengthening collaboration, leadership, and communication skills through coordinated academic activities.
- Cultural Events Coordinator: Organized and managed multiple college-level events, ensuring smooth execution and participation.
- Technical Paper Presentations: Presented research papers and project work at inter-college seminars and symposiums.
- Code & Technical Quiz Competitions: Actively participated in coding contests and quiz competitions, received certificates for outstanding performance.