

Vijaya Saradhi Kyatham

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Professional Summary

Enthusiastic and skilled Web Developer with a solid foundation in front-end and back-end technologies. Proficient in HTML, CSS, JavaScript, SQL, and Node.js. Strong programming skills in Python. Experienced in developing real-world projects including a mental health chatbot and a machine learning-based ambulance positioning system. Passionate about building user-centric solutions and continuously improving technical skills.

Projects

- **AI Resume Builder**

Backend: Node.js, Express.js, MongoDB, JWT authentication, bcrypt, RESTful APIs

Frontend: HTML5, CSS3, JavaScript, responsive design, dark theme implementation

Features: Email verification system, 8 resume templates, PDF generation, user dashboard

Deployment: Render hosting, MongoDB Atlas, GitHub version control, environment configuration

Security: Password hashing, token-based authentication, email OTP verification

- **AI Chatbot for Mental Health**

Developed a web-based chatbot for mental health support using NLP techniques. Integrated mood tracking and self-care tip features with a user-friendly interface.

Technologies: Python, Flask, HTML, CSS, JavaScript

- **Optimal Ambulance Positioning System**

Built a machine learning model using Deep Embedded Clustering to optimize ambulance deployment in high-risk accident zones.

Technologies: Python, Scikit-learn, Pandas, Matplotlib

Skills

- **Web Development:** HTML5, CSS3, JavaScript, Node.js, Bootstrap, Flexbox
 - **Programming Languages:** Python
 - **Database:** SQL
 - **Tools:** Git, VS Code, MS Word, MS Excel
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Education

- **Teegala Krishna Reddy Engineering College, Hyderabad**

B.Tech in Computer Science and Engineering

2022 – 2025 (Ongoing)

- **Mahaveer Institute of Science and Technology, Hyderabad**

Diploma in Electrical and Electronics Engineering

2018 – 2022

- **SR Prime School, Warangal**

SSC (10th Class)

2018

Languages

English (Fluent), Telugu (Native), Hindi

Strengths

- Strong communication and teamwork
- Proficient in coding and debugging
- Excellent time management
- Strong analytical and problem-solving skills
- Quick learner and adaptable to new technologies