

Education

Nalla Malla Reddy Engineering College

Bachelors of Technology in Artificial Intelligence and Data science; CGPA 8.2/10

Hyderabad, Telangana ,India

Jun 2021 - May 2025

Experience

Gwing Software Technologies

Full Stack Developer Intern · Hybrid

Hyderabad, India

August 2024 - November 2024

- Built a Modular Learning Platform with role-based access using Node.js, Express, MongoDB, and Next.js, TailwindCss.
- Implemented admin and learner dashboards with nested course structure (Courses → Sections → Units → Chapters).
- Integrated JWT authentication, protected routes, and dynamic rendering based on user roles.
- Enabled chapter-wise interactive questions (MCQ, fill-in-the-blank, text/audio) and progress tracking using a custom UserProgress model.
- Used Redux/React Context for state management and Mongoose populate for efficient nested data handling.

Bluestock Fintech

Software Development Engineer Intern | Team Leader · Remote

Pune, India

Aug 2024 - Sep 2024

- **IPO Web Application Frontend:** Designed and developed the frontend for a web application featuring upcoming IPO companies, using React.js and CSS to create a responsive and user-friendly interface.
- **Admin Dashboard for IPO Management:** Implemented an admin dashboard that allowed administrators to easily add, update, or delete IPO listings, enhancing content management and platform control.
- **API Integration User Experience Optimization:** Developed an intuitive user interface and ensured smooth data flow between the frontend and backend.

Projects

Dev-Sea - Developer Q&A Platform

Tech Stack: React.js, Express.js, Node.js, Mongodb, jwt authentication, Firebase.

[GitHub](#) | [Deployed](#) 

- Built a full-stack **Q&A platform** for developers using **Next.js, Node.js, Express.js, and MongoDB**.
- Implemented **Firebase Authentication** with email and Google login, GitHub login, Facebook login.
- Integrated a rich text editor supporting code blocks, tables, and mentions for advanced content formatting
- Developed modular RESTful APIs to manage questions, answers, tags, and user profiles efficiently
- Designed scalable MongoDB schemas to handle complex relationships between users, questions, and answers
- Added keyword search and tag-based filtering for easy content discovery and navigation
- Focused on secure authentication, responsive UI, and seamless user experience in a collaborative developer community

MOODsync-Real-Time Mood-Based Music Engine for Cabs, Flights & Personal Use

Tech Stack: React.js, Node.js, Express.js, Firebase Auth, Deezer API, YouTube API, Face-API.js, Text Analysis

[GitHub](#) | [Deployed](#) 

- Developed a **real-time mood-based music recommendation platform** targeting cab users and flight passengers.
- Integrated **Face-API.js** and **text sentiment analysis** to detect emotions and generate personalized playlist suggestions.
- Fetched music from **Deezer** and **YouTube** APIs based on mood (happy, sad, angry, etc.).
- Enabled seamless **authentication using Firebase**, ensuring secure access to custom recommendations.
- Designed a responsive dual-tab interface for toggling between **Deezer and YouTube playlists**, with smooth UI/UX and mobile responsiveness.
- Use case: Can be embedded into **cab infotainment** or **in-flight entertainment systems** to improve passenger experience.

Multiple Disease Prediction System 🐛: streamlit, scikit-learn, python, logistic regression, svm, nltk, pandas, numpy

[GitHub](#) | [Deployed](#)

- Developed a machine learning-based health risk prediction system for Diabetes, Heart Disease, and Parkinson's Disease.
- Built an interactive Streamlit-based web application for real-time disease risk assessment, Implemented data preprocessing, feature selection, and ML model evaluation for accurate predictions.
- Used Logistic Regression SVM classifiers to analyze medical datasets, Deployed the application on Streamlit Cloud for easy accessibility.

Programming Skills

Languages: Python, C++, JavaScript (ES6+).

Machine Learning: Supervised Unsupervised Learning, Model Evaluation, Hyperparameter Tuning, Cross-Validation, Data Preprocessing, Feature Engineering.

Data Handling & Visualization: Data Cleaning Preprocessing, Exploratory Data Analysis (EDA).

Web Development (MERN Stack): React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, RESTful APIs, JWT Authentication, State Management (Redux, Context API), HTML, CSS.

Other Skills: Data Structures Algorithms (DSA), Problem-Solving Skills.

Deployment & Tools: Flask, Git, Jupyter Notebook, Google Colab, Anaconda, Spyder, VS Code.