

## Objective

An adaptable and innovation-focused B.Tech AI Data Science student skilled in software development, full-stack engineering, cloud platforms, and machine learning. I aim to contribute to dynamic engineering teams by building efficient, scalable systems and solving real-world challenges with creativity and precision.

## Academic Qualifications

**Ramachandra College of Engineering, Eluru (JNTUK)**  
*B.Tech in Artificial Intelligence and Data Science*

2022–2026

Aggregate: 75%

## Internships

**MERN Stack Intern**

May–July 2025

*StudyOwl Education Pvt Ltd*

- Built responsive MERN features and optimized REST APIs with secure authentication.
- Integrated MongoDB with Express.js for scalable and efficient backend operations.

**AI/ML Intern – Smart Sorting**

May–June 2025

*SmartBridge (Remote)*

- Developed a CNN-based disease classification model using TensorFlow.
- Deployed real-time inference with Flask, improving response performance.

**Machine Learning & Data Science Intern**

May–June 2024

*Blackbucks (Remote)*

- Built regression models for house price prediction with feature engineering.
- Automated preprocessing workflows using Pandas and Scikit-learn.

## Projects

**Resume Builder Web App** — MERN, OAuth, MongoDB [GitHub](#)

2025

- Built an ATS-optimized resume builder with PDF/Word export and scoring features.
- Implemented OAuth login and a secure MongoDB-backed user system.

**AI Chatbot Platform** — React.js, OpenAI API [GitHub](#)

2025

- Developed an interactive chatbot with contextual AI responses using OpenAI APIs.
- Designed a responsive user interface with React and Tailwind CSS.

**Career Path Recommendation System** — Python, ML [GitHub](#)

2025

- Built a recommendation model suggesting suitable career paths based on user inputs.
- Deployed an interactive Streamlit interface with visual insights.

**Fake News Detector** — ML, NLP, Flask, React [GitHub](#)

2024

- Implemented a TF-IDF based NLP classifier for fake news detection.
- Integrated a Flask API with a React frontend for seamless user experience.

## Workshops

- Completed workshops on Machine Learning, Deep Learning, Mobile App Development, and Full Stack Development (2022–2025).

## Hackathons

- Participated in a 24-hour Brainovision Hackathon (2025) and built a MERN-based electronics marketplace.

## Skills

**Programming:** Python, Java, JavaScript, SQL, MongoDB.**Full Stack Development:** React.js, Node.js, Express.js, HTML5, CSS3, MERN Stack, RESTful APIs, JWT Authentication, Model View Controller Architecture.**Java Backend:** Core Java (OOP, Collections, Multithreading), Spring Boot, Hibernate, MySQL, PostgreSQL.**Cloud & DevOps:** AWS (EC2, S3, IAM, Lambda, CloudWatch, API Gateway), Azure (VM, Storage), GCP (Compute Engine, Cloud Storage), Docker, GitHub Actions, Linux.**Machine Learning & AI:** Supervised & Unsupervised Learning, CNNs, NLP, Model Evaluation, TensorFlow, Keras, Scikit-learn, Pandas, NumPy.**Data Engineering:** Extract–Transform–Load processes, Data Preprocessing, SQL Optimization, Pipelines, Data Warehousing Fundamentals.**Tools:** Git, GitHub, VS Code, Jupyter Notebook, Postman, MongoDB Atlas, Streamlit, Flask.**Professional Skills:** Problem-Solving, Debugging, Requirement Analysis, Communication, Teamwork, Adaptability, Critical Thinking.

## Achievements

**Certifications:** Simplilearn (AWS, Mastering ML Using Python), IBM SkillsBuild (LLMs, Fundamentals of AI), Infosys Springboard (React, Python, Java, Advanced Python, JavaScript, MLOps, DevOps, Django, HTML5, CSS, Bootstrap), Google (Generative AI).**Hobbies & Activities:** Coding challenges, hackathons, blogging, building AI projects.

## Languages

English (Fluent), Telugu (Native), Hindi (Conversational)