

## 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)**

**2022–2026**

*B.Tech in Artificial Intelligence and Data Science*

*Aggregate: 75%*

## Internships

**MERN Stack Intern**

**May–July 2025**

*StudyOwl Education Pvt Ltd*

- Worked across the full MERN stack to build responsive, user-centric web features as part of an 8-week internship.
- Developed and optimized REST APIs with secure authentication workflows and scalable backend logic.
- Integrated MongoDB with Express.js to deliver reliable data handling and performance-efficient application modules.

**AI/ML Intern – Smart Sorting**

**May–June 2025**

*SmartBridge (Remote)*

- Developed a CNN-powered fruit and vegetable disease classification model using TensorFlow with strong accuracy gains.
- Implemented real-time inference using Flask, reducing response latency and improving deployment efficiency.

**Machine Learning & Data Science Intern**

**May–June 2024**

*Blackbucks (Remote)*

- Engineered regression models for house price prediction through advanced feature engineering and data preparation.
- Built automated preprocessing pipelines using Pandas and Scikit-learn to streamline model development workflows.

## Projects

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

**2025**

- Developed ATS-optimized resume builder with PDF/Word export & scoring.
- Implemented OAuth authentication & secure MongoDB backend.

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

**2025**

- Built interactive AI chatbot with real-time, contextual responses.
- Designed responsive UI with Tailwind CSS.

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

**2025**

- Created ML-based system recommending personalized career paths.
- Deployed using Streamlit with interactive visuals.

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

**2024**

- Implemented TF-IDF based NLP classifier with Flask API & React UI.

## Workshops

- Completed 7-day 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 platform for second-hand electronics.

## Skills

**Programming:** Python, Java, JavaScript, SQL, MongoDB.

**Full Stack:** React.js, Node.js, Express.js, HTML5, CSS3, MERN Stack, REST APIs, JWT Auth, MVC.

**Java Backend:** Core Java (OOP, Collections, Multithreading), Spring Boot, Hibernate, Maven, MySQL, PostgreSQL.

**Cloud & DevOps:** AWS (EC2, S3, IAM, Lambda, CloudWatch, API Gateway), basic Azure (VM, Storage), basic GCP (Compute Engine, Cloud Storage), Docker, GitHub Actions, Linux.

**ML & AI:** Supervised/Unsupervised ML, CNNs, NLP, Model Evaluation, TensorFlow, Keras, Scikit-learn, Pandas, NumPy.

**Data Engineering:** Extract–Transform–Load (ETL), Data Preprocessing, SQL Query Optimization, Data Pipelines, Data Warehousing Fundamentals.

**Tools:** Git, GitHub, VS Code, Jupyter Notebook, Postman, MongoDB Atlas, Streamlit, Flask.

**Other Skills:** Problem-Solving, Debugging, Algorithmic Thinking, Requirement Analysis, Agile Scrum, Communication, Teamwork, Leadership, Time Management, Adaptability, Critical Thinking.

## Achievements

**Certifications:** Simplilearn (AWS, Mastering ML Using Python), IBM SkillsBuild (Large Language Models, Fundamentals of AI), Infosys Springboard (React, Python, Java, Advanced Python, JavaScript, MLOps, DevOps, Django, HTML5, CSS, Bootstrap), Google (Generative AI Beyond the Chatbot).

**Hobbies & Activities:** Coding challenges, hackathons, blogging, building AI projects.

## Languages

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