

Jyothi SaiReddy Annamareddy

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[in LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Objective

I am a B.Tech student in Computer Science Engineering with expertise in full-stack development, AI/ML technologies, and Data Science. I have strong problem-solving skills in data structures and algorithms, demonstrated through hands-on projects and competitions. As a passionate learner, I am eager to explore and adapt to new technologies and consistently build innovative software solutions. With experience in the MERN stack and a drive to solve real-world challenges, I excel at collaborating in diverse teams to deliver impactful applications.

EDUCATION

Aditya College of Engineering & Technology (ACET), Surampalem 2023 – 2026

B.Tech in Computer Science Engineering (CSE - AIML & DS)

CGPA: 8.5/10

Nxtwave Disruptive Technologies

Sep 2023 – Ongoing

Industry Ready Certification in Full-stack Development, Industry 4.0 Technologies, & Competitive Programming

Smt. B. Seetha Polytechnic College, Rajahmundry

2018 – 2022

Diploma in Computer Science Engineering

Percentage: 70%

S.R.Z.P.P. High School, Jangareddygudem

2017 – 2018

Secondary School Certificate (SSC)

CGPA: 8.0/10

SKILLS

Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML, CSS, Bootstrap, JavaScript

Backend: Python, Express.js, Node.js

Databases: SQLite, MongoDB

AI/ML Expertise: TensorFlow, PyTorch, Keras, NLP (GPT, BERT), Neural Networks, Sequence Modeling, Attention Mechanisms

Data Handling: Data gathering, preprocessing, modeling

DevOps & Version Control: AWS, Git

Other: C++, Data Science, Data Structures & Algorithms

Projects

• **Project : Unmasking Deception (Hybrid Model)** Jul 2024-present

Tools: [Python, BERT, Scikit-learn, TensorFlow, Pandas, NumPy]

- Developed a hybrid model integrating BERT for high-quality text representation with a traditional machine learning classifier for enhanced accuracy.
- Implemented BERT to process and represent complex textual data, improving predictions on various news statements.
- Created a classification system using traditional machine learning models like Logistic Regression and Random Forest to refine predictions for differently worded inputs.
- Exploring the hybrid approach to adapt to diverse styles of misinformation, achieving potential improvements in fake news detection accuracy.

• **Project : ChatBot with Open AI and LangChain**

Jan 2023

Tools and Technologies: [Open AI, LangChain, Gradio, HTML, CSS, JavaScript, Google Colab, PlayHT, HuggingFace]

- Developed a chatbot using Open AI and LangChain.
- Designed user interfaces with Gradio for better UX, Integrated voice capabilities using PlayHT.

• **Project : FinChamp: Your All-in-One Financial Companion!**

May 2024-Jun 2024

Tools: [TypeScript, Javascript, CSS, ReactJS, Clerk]

- Developed an interactive financial literacy web app.
- Implemented Clerk for secure user authentication, managing registration, login, and user sessions.
- Developed a progress tracking feature for easy integration with user profiles, enabling personalized learning pathways.

EXPERIENCE

APSSDC(Artificial Intelligence and Machine Learning Intern)

15th May 2024 - 25th June 2024

Successfully completed a 6-week internship in **Artificial Intelligence and Machine Learning**, focusing on leveraging IBM SkillsBuild platform.

- The internship was conducted in collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC).
- Implemented and supported by Edunet Foundation.
- Gained hands-on experience with AI and Machine Learning concepts and techniques.

Certifications

- Introduction to Machine Learning (IIT Kharagpur): [NPTEL \(Score: 82%\)](#)
- React JS: [NxtWave](#)
- Node.js: [NxtWave](#)
- Developer Foundations: [NxtWave](#)
- Python, JavaScript, SQL, Bootstrap, HTML, CSS, FlexBox: [NxtWave](#)
- Introduction to Databases: [NxtWave](#)
- Workshops on AWS, Ethical Hacking, Android Studio, Data Analytics, and Generative AI: [NxtWave](#)

Honors & Awards

- Top 5% in Coding Contest at College Fest
- Smart India Hackathon Participant