Aravind Akula

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SUMMARY

Passionate Computer Science student specializing in AI and ML, with hands-on experience in full-stack development and machine learning projects. Proficient in Java, Python, and C, and familiar with frameworks like React and MySQL. Strong foundation in data structures, algorithms, and problem-solving skills. Eager to apply my technical skills to build scalable and efficient software solutions as a Software Development Engineer (SDE).

SKILLS

Programming Languages: Java, C, Python, SQL

Web Development: HTML, CSS, JavaScript, React, MySQL

Machine Learning: Numpy, Pandas

Soft Skills: Problem-solving, Teamwork, Communication

EDUCATION

ANITS   Visakhapatnam, AP
B-Tech. in Computer Science, Artificial Intelligence and Machine Learning - 8.76 CGPA   *Sept 2022 – Present*
APRJC, Nellore   Nellore, AP
Board of Intermediate Education, MPC - 93.9%   *July 2019 – May 2021*

PROJECTS

Sentiment Analysis on Twitter Data   May 2025 – June 2025
Machine Learning & NLP Project   *Python, Scikit-learn, NLTK, Streamlit, TF-IDF*
- Built a sentiment classifier for tweets using TF-IDF and logistic regression (85% accuracy)
- Preprocessed 1.6M tweets with tokenization, lemmatization, and stopword removal
- Deployed the model with a Streamlit app for real-time sentiment prediction

Fitness Tracking Website   Jan 2025 – Apr 2025
Full-Stack Web Development Project   *HTML, CSS, JavaScript, Express.js, MySQL*
- Designed and developed a responsive web application to track daily fitness activities
- Implemented user authentication, activity logging, and visual progress tracking
- Built using modern frontend and backend technologies

PROFESSIONAL EXPERIENCE

AI Intern   May 2025 – June 2025
Codec Technologies   *Remote*
- Worked on machine learning and deep learning models for image similarity and clustering
- Built and evaluated unsupervised learning models using feature extraction techniques
- Collaborated with mentors to optimize model performance and interpreted results

Full-Stack Web Dev Intern   May 2024 – June 2024
Edumoon   *Remote*
- Designed and developed a responsive e-commerce website as a final project
- Implemented frontend using React and backend using Node.js , Express.js and MySQL
- Worked on user authentication, product management, and seamless UI/UX design

CERTIFICATIONS

- AWS Certified Cloud Computing - Participated in a hands-on workshop covering AWS EC2, AWS S3 and basic deployment practices
- Full-Stack Web Development - Completed a certified Full-Stack Web Development internship