AMARESH KONETI

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EDUCATION

Prasad V Potluri Siddhartha Institute of Technology, B. Tech in Computer Science and Engineering (AI-ML)   Sept 2022 – Present

- GPA: 8.57/10.0

EXPERIENCE

AIML Intern, HCL Tech – Remote   Apr 2025 – Present

- Built an AI-powered Resume Evaluator used for filtering job applications, improving recruiter efficiency by 70%
- Engineered ML pipelines to extract key skills and classify job roles from resume text with 95%+ accuracy.
- Developed a behavioral analysis system for 1-minute candidate introduction videos, combining facial emotion detection (MTCNN), voice tone analysis, and sentiment scoring to generate a unified behavioral score.

PROJECTS

AutoGrader: ML & NLP-Based Handwritten Exam Evaluation System   github

- Developed an Automated Answer Sheet Evaluation System using BERT and Cross Encoders to extract handwritten text and evaluate student responses based on a provided answer key.
- Achieved >90% correlation with manual grading in benchmark tests.
- Tech Stack: React, Flask, OCR, MongoDB, BERT, Cross encoders, Scikit-learn

Coding Institute Management System   github

- Developed a full-stack MERN portal for a coding institute with user/admin interfaces for course registration, email-verified login, certificate generation, and public verification.
- Built dynamic UI with Particle.js, implemented JWT authentication, and integrated Supabase for storing and verifying certificates via unique public URLs.
- React.js, Node.js, Express.js, MongoDB, Supabase, JWT, Nodemailer, Particle.js

SKILLS

Languages: Python, Java, SQL

Web Technologies: HTML, CSS, JavaScript, Flask, React.js, Node.js, MongoDB

AI/ML Frameworks & Libraries: Numpy, pandas, TensorFlow, OpenCV, Scikit-learn, NLTK

Version Control: Git, GitHub

CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Operating Systems

CERTIFICATIONS

- Oracle Certified Gen AI Professional, Oracle   Link
- AWS Academy Machine Learning Foundations, AWS   Link
- AWS Academy Cloud Foundations, AWS   Link
- Google Cloud Computing Foundations, Google Cloud   Link
- Data Structures and Algorithms, Smart Interviews   Link
- Data Analytics Essentials, Cisco   Link

ACHIEVEMENTS

- **Research paper** on the project **"AutoGrader"** — Accepted for presentation at **IEEE ICWITE 2025, conference Bangalore**.
- Won **4 national-level 24-hour hackathons** in AIML domain, demonstrating strong abilities, innovation under pressure, and the ability to work effectively in fast-paced team environments.
- Secured top positions in **multiple project expos and model presentations**, showcasing strong technical understanding, communication skills.