ANJALI WADEKAR

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SUMMARY

Final Year B.Tech CSE Student, Aspiring Software Engineer and AI/ML Enthusiast. Has proficient experience in Python,, SQL, Machine Learning, AI and developing smart software solutions. Looking to build impactful intelligent applications, solve real world problems with technology and able to collaborate effectively across different teams globally.

PROJECTS

SecLog | *Secure Login & File Management System* | GitHub Repo

Tech: Node.js, Express.js, PostgreSQL, Appwrite,REST APIs

- Developed a secure backend system, supporting user registration, log in/log out, JWT/Bearer authentication, and protected REST APIs. Built a PostgreSQL-based user/file management system with user-isolated access to resources and authorization.
- Explored Appwrite authentication/storage architecture and deployed the application using cloud services.

AquaIntel | *AI-Powered Water Management Platform* | Live Link | GitHub Repo

Tech: Python, Streamlit, Scikit-learn, Pandas, Google Cloud, Machine Learning, AI

- I have developed an AI-based water intelligence system designed to analyze consumption patterns and predict water usage and shortages. Engineered a ML pipeline with historical water-consumption data and trained a model that allows users to make predictions.
- Incorporated as a system that monitors and analyzes the state of water and provides recommendations.

Q-Sleep | *AI & Quantum Sleep Quality Predictor* | Live Link | GitHub Repo

Tech: Python, Scikit-Learn, PennyLane, Streamlit, NumPy, Machine Learning

- Developed an AI-based model, which predicted the quality of one's sleep based on information such as level of stress, amount of sleep, heart rate and age.
- A 4 qubit variational quantum circuit (VQC) was created using PennyLane that used quantum feature encoding, rotations and entanglement to parameterize the model.
- An interactive web application with streamlit was built which included what-if scenarios and recommendations for improving the predicted sleep quality.

KolhapurCivic | *Civic Issue Reporting & Monitoring Platform* | Live Link | GitHub Repo

Tech: Kotlin, Android Studio, Firebase, Google Maps API, Machine Learning

- Developed an android based application for citizen reporting of potholes, waste, water, accidents, flooding and other issues through images, location, text, and voice.
- Designed an interactive map complaint management system with location tracking and administrative progression capabilities for the resolution process with AI-powered modules for road condition analysis and broader area diagnostics in development to enhance performance.

TECHNICAL SKILLS

AI & Machine Learning: Machine Learning, Deep Learning, Data Analytics, Feature Engineering, Model Evaluation, Gen & Agentic AI,Ethics

Libraries: Scikit-learn, TensorFlow, OpenCV, NumPy, Pandas, Agentic AI

Web & Backend: React.js, TypeScript, Node.js, Express.js, REST APIs, Firebase, PostgreSQL, Agile Methodology, Cloud Computing,Docker

Languages: Python, JavaScript, Java, SQL, No SQL, C++, C

ACHIEVEMENTS AND CERTIFICATION

- Runner Up- IEEE Quantum AI Hackathon 2026
- Getting Started with Artificial Intelligence — IBM SkillsBuild.
- Runner Up- BV Techfusion 2026
- Gen AI APAC Cohort 2 Hackathon - Google AI
- Semi Finalist - SIH 2025

INTERNSHIPS

- AI/GenAI Engineer- Valentius Kryptix
- Software Risk Product Manager - Zetheta Algorithms Private Limited
- AIML with C Grade - AICTE Eduskills Cohort 9

EDUCATION

B.Tech in Computer Science Engineering | Kolhapur Institute of Technology | CGPA: 8.2 / 10.0 — 2023 – 2027

12th Grade | Dr DY Patil Junior College, Kolhapur | 12th: 77%, CET: 98.5%, JEE:91% — 2021 – 2023