Manaya Kishor Pachpor

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EDUCATION

SRM Institute of Science and Technology (SRMIST) - Chennai, India 2022-2026
Bachelor of Technology in Computer Science with specialisation in Big Data Analysis

Navrachana School Sama - Vadodara, India 2015-2022
High School Diploma

EXPERIENCE

Larsen & Toubro Hydrocarbon Engineering Limited 06/2024 – 07/2024
Development Intern

- Designed and developed a license management website using Python Flask, integrating SQLAlchemy ORM with Oracle Database for seamless data handling.
- Implemented role-based access control, enabling efficient differentiation between user and admin functionalities, such as license allocation, modification, and revocation.
- Deployed the project on Microsoft Azure, ensuring reliable cloud-based storage and connectivity for license management systems.

Findex 10/2023- 11/2023
Freelancer

- Built an AI tool-based website using Python Delivered a functional, user-friendly platform integrating AI tools with intuitive features for professionals and enthusiasts, ensuring seamless navigation and information access, serving as a comprehensive catalog of AI tools across various domains, complete with detailed information and user ratings.
- Managed the database with DataGrip, implementing structured storage for tool data and user interactions, along with powerful keyword-based filtering for enhanced usability.

SRMKZILLA – Chennai, India 07/2024 – Present
Technical Lead

- Lead and coordinate technical projects from initiation to delivery, managing scope, budget, and timelines while ensuring alignment with organizational strategic goals.
- Oversee the development of key projects, including a collaboration app and KZMailer, by implementing technical strategies to ensure project success and long-term growth.
- Mentor and support associates, preparing them for leadership roles, while representing the technical team in decision-making and communication with the core management.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, TypeScript, SQL, HTML, CSS, Flutter

Frameworks/Tools: Flask, FastAPI, Django, Node.js, Express.js, Jupyter, Swagger, SAS, Machine Learning, Deep Learning, Data Analysis, MongoDB, Postman, Google Colab

Databases: Oracle, SQLAlchemy, MongoDB,DataGrip, AirTable, Supabase

Cloud Services: Microsoft Azure, AWS,

PROJECTS

Fetal Health Classification: Built classification models (SVM, KNN) achieving 93%-96% accuracy to predict fetal health using Kaggle's dataset.

Mental Health Risk Prediction in Students: Designed an ANN-based model to classify mental health risks among students, achieving 89%-95% accuracy.

Leiomyioma Prediction: Developed a machine learning model using Python and Scikit-learn to predict uterine fibroids based on patient data.

Kickology: Created a sneaker e-commerce platform using Django, with a robust admin interface.

Bounty: A platform built with Node.js and React, connecting freelancers with clients to easily find and manage job opportunities.

Kzilla- Collab App: A platform for open source coders and programmers who wish to collaborate with other programmers using typescript and fluttter