Mohamed Arsath

arsathh02@gmail.com | +91 90800 41101 | Portfolio
GitHub | LinkedIn | LeetCode | GFG

EXPERIENCE

SHINELOGICS | Product Developer Intern
Jun 2024 – Dec 2024 | Remote, Chennai
- Developing AI interview tools to match users with the right job.
- Developed an AI-powered cover letter generator using models like **GPT-2, Llama, and Qwen-chat** with **React and Flask**. **GitHub**
- Created an AI-powered resume builder from scratch to generate complete resumes using *MERN*. **GitHub**

PROJECTS

HOTEL MANAGEMENT SYSTEM Jul 2024 – Sep 2024

- Developed a full-stack hotel management app using **React Native**, **Node.js**, **Expres.js**, and **MongoDB**.
- Enabled efficient room booking and task assignments with role-specific logins for clients, staff, and managers.

GitHub ‖*CheckLive*

DAIRY PRODUCTS WEBSITE Sep 2024 – Dec 2024

- Led the development of a full-stack e-commerce platform for milk products, focusing on user-friendly shopping.
- Tech Stack - **React** , **Express.js**, **Node.js**, **Mongo DB**.

GitHub ‖*CheckLive*

PLANT DISEASE PREDICTION Mar 2024 – May 2024

- Developed a CNN model with **TensorFlow** to predict plant diseases accurately. Used **Flutter, Python, and Node** for the frontend, model integration, and serving the model as an API.

GitHub | App Link

INDIAN ELECTION ANALYSIS Mar 2024 – May 2024

- Utilizing **Power BI**, this project uses visualizations on party performance, analyzes demographic influences, and evaluates candidates

GitHub **AMAZON STOCK PRICE PREDICTION** Jul 2024 – Sep 2024

- Developed a comprehensive Amazon stock price prediction system using **LSTM** models, leveraging pipelining concepts and hyperparameter tuning.
- Tech Stack - **React**, **Python**, **TensorFlow**, **Keras**, **Pandas**, **NumPy**, and **PowerBI**.

GitHub ‖*CheckLive*

TEXT TO IMAGE GENERATOR Jul 2024 – Sep 2024

- Led the development of Text to Image, a project utilizing Stable Diffusion models for generating images from text and providing small descriptions of the images.
- Tech Stack -**React**, **Python**, **Stable diffusion** ,**TensorFlow**, **Flask** .

GitHub | Check Live

ACHIEVEMENTS

- **Finalist in HCS -II**:Java Coding Contest at KEC. - Nov 2024
- **Finalist in POC**: Solutions for On-Duty claimer at KEC. - Nov 2024

EDUCATION

B.TECH IN AI & DS
Kongu Engineering College
2022 - 2026 | Perundurai | CGPA: 8.18*
HSC
Erode Hindu Kalvi Nilayam
2022 | Erode | Per.: 91%
SSLC
Carmel MHSS
2020 | Erode | Per.: 74%

SKILLS

PROGRAMMING
- C (Intermediate)
- C++ (Beginner)
- Python (Beginner)
- Java (Intermediate)
- JavaScript (Intermediate)
- SQL (Intermediate)

TECHNOLOGY
- Git/GitHub • AWS • Azure
- Linux • PowerBI
- Excel • Figma

Tools & Frameworks
- Mongo •PostgreSQL •FireBase
- Express.js• Node.js
- React • HTML • CSS
- Tailwind CSS • React Native • Flutter
- TensorFlow • Keras • PyTorch
- OpenCV • NLTK • NumPy • Matplotlib
- Pandas • Scikit-Learn • Transformers
- LangChain • OpenAI
- Docker

AREAS OF INTEREST

- Web Development
- Mobile App development
- Machine Learning
- Data Analysis
- Database Management System

CERTIFICATION

Azure AI Engineer Associate (AI-102)
Oct 2024 - Oct 2025 **Learn More**

PUBLICATION

- Predicting the hardness of the low level metal. (2024)

LEADERSHIP

- **Executive Member**, CSI Club - KEC -
2023 - 2025