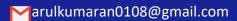
ARULKUMARAN A/L GUNASEKHARAN

Full-Stack Developer | Data Scientist | Machine Learning Engineer





https://github.com/AK1198

in https://www.linkedin.com/in/arulkumarandatascience/





PERSONAL SUMMARY

As a dedicated and self-taught Software Engineer, I possess a deep passion for Data Science and Machine Learning. My experience includes hands-on roles in Full-Stack Development, where I've adeptly handled client requirements, enhanced user interfaces, and maintained project integrity through meticulous bug fixes and documentation. I excel in leveraging emerging technologies to drive innovation and efficiency. With a solid foundation in Data Science cultivated during my internship, I continuously pursue personal projects showcased on my GitHub. I am committed to delivering impactful solutions and contributing positively to any team or project I undertake.

TECHNICAL SKILLS

1. Frontend: HTML, CSS, JavaScript, Typescript, React, Tailwind, PyQt

2. Backend: Django, Flask, Python, NodeJS, **Express**[S

3. Database: Postgres, MongoDB, SQL

4. **Deployment**: AWS(EC2)

5. Data Science: Python, Scikit-learn, Matplotlib, Pandas, Numpy, TensorFlow, OpenCv,Yolov4

6. Others: Git, Jira, Scrum, Docker, Ubuntu

PERSONAL PROJECTS

- 1. Time Series Analysis using ARIMA model
 - Building forecast model using ARIMA to predict sales trend in future
- 2. Loan Payback Prediction using Keras API
 - Implemented a machine learning model to predict the likelihood of loan repayment using Keras API

PROFESSIONAL CERTIFICATIONS

- 1. The Python Masterclass: Python from Scratch Link
- 2. Intro to Machine Learning Link
- 3. Google Data Analytics (Foundations: Data, Data, Everywhere) Link

PROFESSIONAL EXPERIENCE FULL-STACK DEVELOPER(FULL-TIME)

Insaix Innovation Sdn Bhd, Johor Ian 2023-Present

- Develop new features and pages in response to client requirements or project specifications
- Enhance user interface, ensuring a visually appealing design, and implementing UI components according to provided mockups
- Perform bug fixes and ad-hoc tasks
- Document code and processes
- Deploy and maintain website on AWS EC2
- Conduct proactive research on emerging technologies

SOFTWARE ENGINEER(FULL-TIME)

Fave, Bangsar July 2022-Jan 2023

- Maintain Microservices projects
- Collaborate with team members for bug fixes
- Create JUNIT test

DATA SCIENTIST (INTERNSHIP)

Omnilytics, Kuala Lumpur Mar 2022-July 2022

- Perform data analysis, focusing on identifying trends, and patterns
- Refactored existing codebase to eliminate redundancy leading to easier maintenance
- Documented codebase thoroughly

EXECUTIVE ENGINEER (FULL-TIME)

Hershey Malaysia Sdn.Bhd, Johor August 2021-Mar 2022

ASSISTANT PROCESS ENGINEER (FULL-TIME)

Cape Ems Manufacturing Sdn.Bhd, Johor October 2020-August 2021

EDUCATIONS&CREDENTIALS

Bachelor's Degree in Mechanical Engineering (Hons) University Malaysia Pahang (UMP), Pahang, Malaysia. September 2016- September 2020

 Dean's list Award 8th Sem (2019/2020) GPA 4.00/4.00