ARULKUMARAN A/L GUNASEKHARAN

Full-stack Developer | Data Analyst | Software Developer

https://portfolio-website-ak1198s-projects.vercel.app/

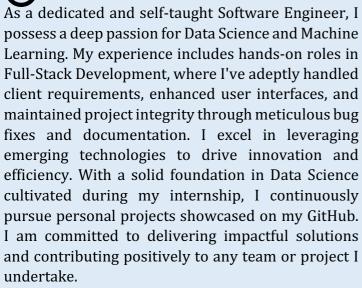https://www.linkedin.com/in/arulkumarandatascience/

https://github.com/AK1198

+60 1136524231

Kulai, Johor

arulkumaran0108@gmail.com

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 ,NextJS
2. **Backend :** Django, Flask, Python, NodeJS, ExpressJS, FastAPI
3. **Database :** Postgres, MongoDB, SQL
4. **Deployment :** AWS(EC2), AWS(RDS),Vercel,
5. **CICD :** CircleCI
6. **Data Science :** Python, Scikit-learn, Matplotlib, Pandas, Numpy, TensorFlow, OpenCv,Yolov4
7. **Others :** Git, Jira, Scrum, Docker, Ubuntu, Github, Bitbucket

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

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

FULLSTACK DEVELOPER (Team Lead)
Invenio Potential Sdn Bhd, Johor
July 2024-Present
- Lead a team of software developers across multiple projects
- Oversee the development of web applications, dashboard and backend services
- Collaborate with stakeholders to define project scope, gather requirements and establish clear objective
- Drive the development of utilities analysis tools and OCR based document processing solutions
- Design API architecture and clear documentation
- Promote DevOps best practices such as containerization with Docker, CI/CD and version control
- Ensure seamless integration of frontend and backend systems
- Review PR and fix merge conflicts

FULL-STACK DEVELOPER (CONTRACT)

Insaix Innovation Sdn Bhd, Johor
Jan 2023-April 2024
- Develop and maintained both frontend (React, TailwindCSS) and backend (JavaScript, Postgresql, MongoDb)components
- Build REST API
- Implemented YOLOv4 for a computer vision project, achieving high-precision object detection in real-time applications.
- Deploy and maintain website on AWS EC2

SOFTWARE ENGINEER (FULL-TIME)
Fave, Bangsar
July 2022-Jan 2023
- Maintain Microservices projects
- Collaborate with team members for bug fixes
- Develop JUNIT test

DATA SCIENTIST (INTERNSHIP)
Omnilytics, Kuala Lumpur
Mar 2022-July 2022