

Aswin V M

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SUMMARY

A passionate software engineer with experience in Python, Java and cloud technologies. Proven track record in system architecture design, risk mitigation, and delivery of scalable, high performance applications. Strong background in web development, machine learning, and data analysis.

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, Shell scripting

Machine Learning & Data Science: NumPy, Pandas, SciPy, Scikit-learn, Matplotlib, Seaborn, OpenCV, PostgreSQL

Tools & Frameworks: Docker, GIT, AWS, Jira, Microsoft Excel, Power BI, Tableau

PROJECTS

Neulmager

Gel Imaging device

- Built a Python Kivy GUI with real-time gel image capture.

2024 – 2025

Python, OpenCV, Shell script, Docker

Truheart

Cardiac arrest detection device using ML

- Developed a PySimpleGUI-based GUI with camera and Wi-Fi management.
- Implemented image data collection protocols, enhancing analysis precision and increasing ROI detection accuracy.

2023 – 2024

Python, AWS S3, Scikit-learn, Docker, Ms Excel

Job Market Analytics & Candidate Matching System

AI-driven system matching candidates to jobs using market analytics

- Built dashboards, predictive models, and automations to analyze recruitment data and support strategic hiring decisions.

2022 – 2023

Excel, PowerBI, Python, Scikit-learn, PostgreSQL

EXPERIENCE

System Engineer

Neuome Technologies

- Developed scalable data solutions, addressed system and data reliability risks, and contributed insights in technical discussions.

Jan 2023 – Present

Bengaluru, India

Data Analyst (Freelancer)

Nelise Freelancers

- Leveraged data, automation, and ML to enhance business and hiring efficiency.

Aug 2022 – Dec 2022

Thrissur, India

Intern web developer

KELTRON

- Designed responsive UIs and collaborated on server-side development.

Apr 2018 – May 2018

Kochi, India

EDUCATION

APJ Abdul Kalam Technological University

Bachelor of Technology in Computer Science

Ernakulam, India

Aug 2017 – June 2021

CERTIFICATIONS

- Machine Learning with Python
- Complete Python Developer in 2023: Zero to Mastery
- PowerBI for beginners
- Introduction to CBAP
- Introduction to DevOps Tools
- DevOps 101: What is DevOps?