

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, incident management, and delivery of scalable, high-performance applications. Strong foundation in Linux administration, database systems, and technical documentation. Skilled in web development, machine learning, and data analysis, with excellent communication and interpersonal skills.

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

2024 – 2025

Python, OpenCV, Shell script, Docker

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

Truheart

Cardiac arrest detection device using ML

2023 – 2024

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

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

Job Market Analytics & Candidate Matching System

AI-driven system matching candidates to jobs using market analytics

2022 – 2023

Excel, PowerBI, Python, Scikit-learn, PostgreSQL

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

EXPERIENCE

System Engineer

Neuome Technologies

Jan 2023 – Present

Bengaluru, India

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

Data Analyst (Freelancer)

Nelise Freelancers

Aug 2022 – Dec 2022

Thrissur, India

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

Intern web developer

KELTRON

Apr 2018 – May 2018

Kochi, India

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

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?