

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, Scikit-learn, SciPy, Seaborn, OpenCV

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

PROJECTS

Neulmager

2024 – 2025

Gel Imaging device

Python, OpenCV, Shell script, Docker

- Built a Python Kivy GUI with real-time gel image capture, cutting retrieval time by 50%.
- Integrated Wi-Fi for seamless connectivity.

Truheart

2023 – 2024

Cardiac arrest detection device using ML

Python, OpenCV, AWS S3, Pandas, 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 by 40%.

Anti-Phish

2021 – 2022

ML based tool for detection and prevention of phishing websites

HTML, CSS, PHP, Python, Scikit-learn, MySQL

- Researched mitigation strategies for phishing attacks.
- Developed a phishing detection system with 90% accuracy using Random Forest and a user-friendly interface.

EXPERIENCE

System Engineer

Jan 2023 – Present

Neuome Technologies

Bengaluru, India

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

Data Analyst (Freelancer)

Aug 2022 – Dec 2022

Nelise Freelancers

Thrissur, India

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

Intern web developer

Apr 2018 – May 2018

KELTRON

Kochi, India

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

EDUCATION

APJ Abdul Kalam Technological University

Ernakulam, India

Bachelor of Technology in Computer Science

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?