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

NeuImager 2024 – 2025
Gel Imaging device *Python, OpenCV, Shell script, Docker*
- Built a Python Kivy GUI with real-time gel image capture.

Truheart 2023 – 2024
Cardiac arrest detection device using ML *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 2022 – 2023
AI-driven system matching candidates to jobs using market analytics *Excel, PowerBI, Python, Scikit-learn, PostgreSQL*
- Built dashboards, predictive models, and automations to analyze recruitment data and support strategic hiring decisions.

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?