Aswin V M

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SUMMARY

A passionate software professional with experience in Python 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

EXPERIENCE

Software Development Engineer (SDE)   Jan 2023 – April 2025
Neuome Technologies   *Bengaluru, India*
- Engineered and developed scalable data solutions.
- Implemented risk mitigation strategies, reducing critical project risks and ensuring on-time project delivery.
- Documented and presented findings at weekly meetings.

Data Analyst   May 2022 – Dec 2022
Nelise Freelancers   *Thrissur, India*
- Conducted data analysis to drive business decisions.
- Optimized processes, and enhanced recruitment strategies.
- Contributed to enhancing business and hiring efficiency.

PROJECTS

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

Truheart   2023 – 2024
Cardiac arrest detection device using ML   *Python, Shell script, AWS, 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   *PowerBI, Python, SQL*
- Built dashboards, predictive models, and automations to analyze recruitment data and support strategic hiring decisions.

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?