

# 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)

*Neuome Technologies*

Jan 2023 – April 2025

*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 (Freelance)

*Nelise Freelancers*

Aug 2022 – Dec 2022

*Thrissur, India*

- Conducted data analysis to drive business decisions.
- Optimized processes, and enhanced recruitment strategies.
- Contributed to the enhancement of business and hiring efficiency.

## 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.

## 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?