

JESWIN SAM JAMES

Address: Neriyaatil House, Oonnukal p.o, Pathanamthitta, Kerala 689647

Phone: +91- 8078330970 Email: jeswinsamjames@gmail.com LinkedIn: www.linkedin.com/in/jeswin-sam-james-

SUMMARY

Detail-oriented and enthusiastic aspiring data engineer with hands-on experience in Python development, automation, and data integration. Strong foundation in data handling and machine learning, with a growing interest in designing and optimizing ETL pipelines. Eager to explore and implement technologies that used in end-to-end data engineering lifecycle

EXPERIENCE

Data Engineer Trainee – IBS Software, Trivandrum (June 2025 – Present)

- Working on an internal project to enhance operation flow using historical data. Responsible for data ingestion, transformation, and pipeline optimization.
- Leveraging AWS services like Glue, S3, EMR, and RDS for scalable data processing and storage.
- Building ETL workflows using PySpark and Apache Spark to clean, process, and analyze large datasets.
- Implementing data pipelines to improve the efficiency of systems.
- Collaborating with the engineering team to improve data flow architecture and support analytical workloads.

Software Developer Trainee - Ecesis Group, Trivandrum (February 2025 – May 2025)

- Developing automation tools to optimize manual workflows in the BPO sector using Python and scripting.
 - Built backend services and FAST API for internal product solutions.
 - Assisted in transforming BPO operations into scalable automated systems.
 - Collaborated with cross-functional teams to deploy features in Agile sprints.
 - Gained exposure to Git workflows,
-

SKILLS

Language & Frameworks: Python, Django, HTML, CSS, JavaScript, Selenium, Fast API, Testing

Cloud & Tools: AWS, Git, GitHub, Shell Scripting

Database : SQL, MySQL Server, Oracle

Methodologies: Agile (Scrum), Software Development Life Cycle (SDLC)

Soft Skills: Strong analytical and problem-solving abilities, effective communication, independent learner, team player

PROJECTS

MusicLearn Hub

- **Description:** Designed a scalable web application for music academy management, ensuring seamless user interaction and integration with cloud storage solutions and have done automated testing using selenium in every sprint that follows agile methodology.
- **Technologies:** Django, Python, JavaScript, HTML, CSS, AJAX, SQLite
- **GitHub:** https://github.com/jeswinsamjames/Mini_Project.git

Face Recognition for Surveillance System

- **Description:** Developed a real-time face detection and recognition system using machine learning. Worked with Dlib and OpenCV to build a high-accuracy model, adhering to coding standards like PEP8. Documented and deployed the project using Flask and Python.
 - **Technologies:** Dlib, OpenCV, Flask, Python, SQLite
 - **GitHub:** <https://github.com/jeswinsamjames/Face-Recognition-.git>
-

CERTIFICATIONS

- Python for Data Science And Machine Learning, Udemy (2024)
 - Scrum Fundamentals Certified, SFC (2022)
 - Diploma in IT Programming(C, C++, Java), Livewire (N.S.D.C), Pathanamthitta (2019-2020)
-

EDUCATION

- Integrated MCA, Amal Jyothi College of Engineering (2019-2024)
 - APJ Abdul Kalam Technological University, Trivandrum
 - CGPA: 7.11
-

LANGUAGE

- English, Hindi, Malayalam