

PANCHAMI KOLLARA SUNETHRAN

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KEY QUALIFICATIONS:

Experienced software developer with 3+ years of experience in Python, Docker, and AWS, focused on building secure, scalable, and containerized solutions. Proficient in designing and managing RESTful APIs, automating workflows. Familiar with data engineering tools such as Apache Airflow, PySpark, Hadoop, and cloud platforms like AWS and Azure. A quick learner who thrives in collaborative environments and values continuous learning and knowledge sharing. Experience working with two startups in Oslo has given me strong insight into Norwegian work culture and agile team dynamics.

EXPERIENCE SUMMARY:

- Software developer with hands-on experience in designing, developing, and supporting RESTful APIs.
- Domain expertise in Education, Technology, and IoT, with a focus on backend development for web and mobile applications.
- Skilled in managing both relational and NoSQL databases.
- Proficient in containerizing and deploying applications using Docker and AWS cloud services.
- Familiar with CI/CD tools such as Git, Jenkins, and GitHub Actions.
- Experience in designing and implementing ETL/ELT pipelines using tools like Apache Airflow, AWS Glue, and Azure Data Factory.
- Knowledge of distributed data processing using Apache Spark and Hadoop.

TOOLS AND TECHNOLOGIES EXPERIENCE:

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| • Programming Languages: Python, Java | • ETL & Workflow Orchestration: Apache Airflow, AWS Glue, Azure Data Factory |
| • Big Data & Distributed Processing: Apache Spark, PySpark, Hadoop, Hive | • Databases: PostgreSQL, MySQL, MongoDB (NoSQL & Relational) |
| • Containerization & Deployment: Docker, DockerHub | • Data Analysis & Libraries: Pandas, PySpark |

- **Cloud Platforms: AWS:** S3, Redshift, Glue, Lambda, Athena, IAM, CloudFormation, CloudWatch, EC2, ECS
 - **Azure:** Data Factory, Synapse Analytics, Databricks, Data Lake
 - **Backend Frameworks:** Django, FastAPI
 - **CI/CD & Version Control:** Git, GitHub, Jenkins, GitHub Actions
 - **Frontend (Basic Knowledge):** React, Angular, HTML, CSS
 - **Project & Agile Tools:** JIRA, Confluence
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WORKING EXPERIENCE:

02/2025 – Present – Data Engineering Trainee (Certification + Internship)

DataMites Solutions –Remote(India)

I am currently enrolled in a comprehensive online Data Engineering certification program with an internship at DataMites Solutions. The training focuses on key areas such as data warehousing, ETL/ELT pipeline development, data modeling, and the use of big data tools like Hadoop and Apache Spark. I am also gaining practical experience working with cloud platforms, including AWS services like Glue, S3, and Redshift, as well as Azure tools such as Data Factory and Synapse. As part of the course, I am actively engaged in hands-on projects aimed at building scalable data pipelines and solving real-world data engineering challenges.

06/2023 – Present – Full stack Developer(freelance), Trall AS I Oslo Met, St. Olavs plass 4, Oslo, Norway

Developing and supporting of Trall AS applications, which mainly involves designing and developing new solutions to the system and supporting customer queries. My role also includes Production deployment and maintenance of the server.

10/2022 – 03/2023 – Full stack Developer Intern, Qbee AS I Rosenholmveien 25, 1414 Trollåsen, Norway

Built and deployed containerized Python applications using Docker, optimizing business processes. Configured CloudWatch for proactive monitoring and collaborated in Agile sprints to deliver solutions addressing business needs.

06/2022 – 09/2022 – AWS Trainee, INNO SCI I Bergen, 5107, Norway

Gained hands-on experience with Python for data processing and setting up AWS cloud services like S3 and EC2. Collaborated in a team to create efficient, cloud-native solutions.

08/2021 – 05/2022 – Full-stack Developer Internship, Scope India I TC 25/1403/3, Trivandrum, Kerala, India

Designed and developed a shopping website using Django framework and familiarized with a range of cutting-edge technologies, including Python Django, MySQL, HTML, CSS, Bootstrap, and Angular.

07/2019 – 05/2021 – Maternity and Childcare, Taking care of my child

02/2018 – 06/2019 – Odoo Internship, Odox Soft Hub LLP (SEZ), Calicut 673016, Kerala, India

Familiarized Odoo framework, various terminologies, and Python programming. Experienced hands-on projects in Odoo framework.

EDUCATION:

2015 – 2017 – Mar Athanasius College of Engineering, Kothamangalam, India

Trade: Master of Technology in Computer Science

Thesis: Semantic cluster level analysis using machine learning for block diagram evaluation

2010 – 2014 – Govt Engineering College Palakkad, India

Trade: Bachelor of Technology in Computer Science

Thesis: Paas Cloud in Raspberry Pi

CERTIFICATIONS:

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| • Certified Data Engineer | : | |
| • Python for Data Engineering: from Beginner to Advanced | : | September 22, 2024 |
| • Learning Jenkins | : | December 11, 2023 |
| • AWS Cloud Quest: Cloud Practitioner | : | April 22, 2023 |
| • AWS re/Start Graduate | : | October 04, 2022 |
| • AWS Certified Cloud Practitioner | : | October 03, 2022 - October 03, 2025 |

LANGUAGES:

English – Proficient: Oral and written level

Norwegian – Learning: A2-B1

Malayalam – Mother Tongue

References: Given upon requests.