Suvarna Kumar Vikas
Data Engineer - Support Analyst

vikassuvarna13@gmail.com | LinkedIn | GitHub | Portfolio
Kamata, Tokyo, Japan | +81 70-4290-2877

Aspiring data engineer with hands-on experience in managing AWS-based data pipelines and enterprise production support. Skilled in AWS Glue, Lambda, Step Functions, and RDS, with a strong foundation in SQL, Linux. Proven ability to troubleshoot complex data flow issues, collaborate across teams, and ensure reliable data operations.

Work Experience

TCS Japan, Tokyo | June 2022 - Present

Data Engineer (L2 Support) – AstraZeneca Japan
October 2024 - Present

- Provided L2 support for AstraZeneca's data warehouse hosted on AWS, managing critical components such as AWS Glue, Step Functions, Lambda, EventBridge, SNS, and RDS to ensure reliable data processing and availability.
- Collaborated with cross-functional teams to investigate and resolve data flow issues, performed root cause analysis, and maintained operational documentation to support recurring processes.
- Managed business-critical data events such as Person-in-Charge (PIC) changes and product registrations, and integration with downstream systems.

Production Support Engineer – Nomura Securities
February 2023 - August 2024

- Supported and maintained 100+ applications, ensuring high availability, reliability, and timely issue resolution.
- Utilized Linux and SQL to investigate production issues, assist in controlled deployments, and support day-to-day operational tasks across live environments.
- Identified and implemented solutions to convert tedious manual tasks into automated workflows, enhancing productivity and enabling prioritization of more critical issues.
- Managed incidents and problems via ServiceNow, performing impact assessment and root cause analysis to ensure timely resolution and service continuity.
- Used monitoring and logging tools such as Grafana, Rivermuse, and Splunk to proactively detect issues, fine-tune alerts, and enhance overall system observability.

System Engineer
June 2022 - January 2023

- Developed a Flutter-based mobile CRUD application as a proof of concept with Node.js (Express) as backend, also built an e-commerce website using Angular and Java Spring Boot.
- Gained hands-on experience with AWS cloud services and self-learned React to build responsive web applications.

ITS Co.Ltd, Mishima | October 2020 - May 2022

System Engineer
October 2020 - May 2022

- Designed and developed a Cost Estimates Tool for a client company using C#(.NET).
- Involved in designing and coding of a Learning Map Application for a University using C#(.NET) and DB SQLite.
- Contributed to developing a Data Management System using C#(.NET) and SQL Server.
- Designed an Ingredients Management System for a Food Production based company.
- Designed and developed a FFU Maintenance System for an Industrial company using C#(.NET)

Certifications

Data Engineering- DataExpert.io *(August 2025)*
AWS Cloud Practitioner *(March 2025)*
Red Hat Certified System Administrator (RHCSA) *(July 2023)*
JLPT N2 Certified *(June 2021)*

Education

Kokoro Japanese Language School
Sasebo, Nagasaki | October 2019 - September 2020

Bachelor's in Computer Science Engineering
Gopalan College of Engineering and Management | 2015 - 2019

Skills and Expertise

Cloud & Data Tools: AWS Glue, Lambda, Step Functions, RDS, S3, Airflow

Programming & Query Languages: Python, SQL (PostgreSQL, Oracle, MS SQL Server), Spark, Bash

Monitoring Tools, Others: Linux, Grafana, Splunk, ServiceNow, Git, JIRA