

SANJANA SATHEESH

Application Developer

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- Chennai, India
- [LinkedIn](#) [GitHub](#) [Portfolio](#)

► EDUCATION

- B-Tech in Electronics & Communication Engineering,
APJ Abdul Kalam University.
August 2019 - 2023

► TRAININGS

- Vector Institute:
Embedded Systems Training (2023-2024)
C, C++, Embedded C, ARM7, DSA, Protocol (UART, SPI,I2C, CAN, TCP/IP)

► TECHNICAL SKILLS

- Languages: C, C++, Java, SQL
- Cloud/Tools: AWS (EC2, S3 Basics), Jenkins, Git/GitHub, Docker
- Data/Analytics: Power BI
- Core Competencies: Data Structures & Algorithms, OOPS

► CERTIFICATIONS

- [Developing AI Applications with Python and Flask](#)
- [OCI AI Foundations Associate, Oracle University](#)
- [Software Engineering Essentials by IBM](#)

► CAREER PROFILE

Application Developer with hands-on experience in Power BI, data modeling, and automation workflows. Fast learner with the ability to adapt to new technologies and contribute effectively in team-driven projects.

► WORK EXPERIENCE

Data Engineering Apprentice,
Fidelity Investments, Chennai, India. | August 2024 – Present

Project: Centralized Power BI Dashboard for Database Operations

Description: Built a centralized dashboard in Power BI to monitor real-time database operations, including Jira intakes, server and database status, and DBA activities. It also provides visibility into POC, change, and incident tickets across business units.

Responsibilities:

- Connected to snowflakes and wrote queries to fetch real-time Jira details.
- Designed and developed a new dashboard page with improved user experience.
- Implemented HTTP calls in Power Query to fetch data from Azure portal, enabling automated key expiry reporting for easier management of PostgreSQL Flexible Server key rotations.
- Collaborated with the DBA team to identify monitoring requirements and incorporate feedback into dashboard design.
- Proactively identified data sources and automated manual tracking processes through dashboard enhancements.

Project: UDeploy Pipeline Migration to Jenkins

Description: Migrated deployment pipelines from UDeploy to Jenkins during decommissioning, creating and running new Jenkins pipelines to ensure smooth transition and continuity.

Responsibilities:

- Contributed to the team GitHub repository by creating and maintaining bash scripts.
- Automated deployment tasks using Jenkins pipelines, ensuring stable and repeatable execution.

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► WORKSHOPS

- Flutter App
Development Workshop
– IEDC Centre, SJCT
Palai

- Configured pipelines to connect with target servers for autonomous execution.
- Worked closely with team members to review scripts and improve automation reliability.
- Documented pipeline setup and usage for smoother handover and team adoption.
- Proactively troubleshooted issues during migration and ensured minimal disruption to ongoing operations.

General assignment.

Description: Worked as DBA with team responsible for managing and supporting databases across on-prem and cloud environments, ensuring performance, availability, and operational efficiency.

Responsibilities:

- Provisioned user access and managed permissions across multiple environments.
- Assisted in lifecycle management tasks, including GI,DB patching and Azure rehydration.
- Monitored database alerts and promptly informed the respective teams for resolution.

Merchant Payment Integration API | Java (Spring Boot), MySQL, Swagger

- Designed REST APIs for transactions, refunds, and settlements.
- Documented endpoints with Swagger; structured layers using clean architecture principles.

Intracity Ride Booking Platform (Prototype) | Go, React, MongoDB, AWS

- Developed role-based authentication and simulated geolocation/messaging workflows.

Concurrent Chat Room (C++, TCP/IP, Multithreading)

- Developed a multi-client chat system with socket programming and concurrency handling.

Library Management System (C++ STL)

- Utilized STL containers and algorithms to manage product data and implement efficient search/sort operations.