

NADIA BANU TALUPULA

Software Developer — DevOps Engineer

✉ nadiabanu2562@gmail.com 📞 +91 6301445373 🌐 [linkedin.com/in/NadiaBanuTalupula](https://www.linkedin.com/in/NadiaBanuTalupula)

Summary

Software Engineer with **1.9 years of experience** in developing and automating solutions for large-scale infrastructure projects. Backed by **2 years** of coding expertise with a strong foundation in **Data Structures and Algorithms (DSA)** using Python. Proficient in **SQL, HTML, CSS, JavaScript, and C#**, and skilled in version control with **Git** and **OOPS** principles, delivering impactful results in complex scenarios.

Experience

Cognizant Technology Solutions

Hyderabad, Telangana

Automation Developer

12/2023 - Current

Technology Stack : Python, Microsoft Power Automate, C#, HTML, CSS, JavaScript, SQL, Git

- **Robotic Process Automation (RPA) - MRP Data Controller**

- * Automated the **end-to-end process** for managing ticket requests related to data creation, updates, and deletions in SAP, streamlining operations and enhancing accuracy.
- * Enabled batch processing for over **400** records per ticket, reducing processing time significantly and improving operational efficiency.
- * Delivered measurable cost savings of **\$384** annually by eliminating manual intervention and enabling seamless automation.
- * Designed **Python** scripts for advanced validations of Excel files, ensuring data integrity and compliance before processing.
- * Developed a robust workflow to validate customer requests, verify data integrity in Excel files, and execute actions in SAP with centralized logging and comprehensive exception handling.

Amazon

Hyderabad, Telangana

Support Engineer 2 Intern - Recommendation

01/2023 - 06/2023

Technology Stack : AWS-CDK, XRAY, IAM Roles, SNS, SQS, TypeScript, Java, OOP, Git

- **Centralized Logging for Invoice Processing Applications**

- * Devised a **standardized log format** by analyzing real-time logs from nearly 10 APIs, effectively reducing debugging time by an impressive **70%**.
- * Implemented **log4j** as the optimal logging library after rigorous research and evaluation, enhancing the efficiency and effectiveness of logging practices.

- **Integrating XRAY in VPS(Vendor Processing Service) Services**

- * Pioneered the integration of **XRAY**, a renowned AWS service with an impressive **80%** effectiveness in tracking bottlenecks, latency, API requests, and errors, into Coral services within Vendor Processing Service (VPS).

- **Domain Segregation of SNS including Cross-Account Integration with SQS**

- * Employed **AWS-CDK** (Cloud Development Kit) to craft highly optimized and future-proofed code, allowing for effortless **SNS subscription** management by just adding AWS account numbers to a constant file.
- * Spearheaded the entire **migration** process, encompassing IAM role creation, cross-account integration policy formulation, Turtle credentials establishment, and comprehensive **end-to-end testing** achieving a remarkable **100%** efficiency rate.

Education

Sagi RamaKrishnam Raju Engineering College

Bhimavaram, Andhra Pradesh

Bachelor of Technology in Computer Science; CGPA: (8.35/10.0)

2019 - 2023

Technical Skills

Languages: Python, Git, HTML, CSS

Operating Systems: Linux, Windows, Mac

CS Fundamentals: SQL, Object Oriented Programming, Data Base Management, Data Analysis

AWS Services: Hands on Experience with IAM, SNS, SQS, AWS - CDK, CloudWatch, Turtle, XRAY