

SAI KIRAN ANGALAKUDHITI

Buffalo, New York | (+1) 716 295-3004

saikiranemailid@gmail.com | www.linkedin.com/in/saikiranask/
<https://github.com/Saikiran-git>

PROFESSIONAL EXPERIENCE

COGNIZANT TECHNOLOGY SOLUTIONS

Chennai, India

Programmer Analyst

May 2021 - May 2022

[Full-Stack | Java | Spring boot | MySQL | NoSQL | Rest API | Microservices | HTML | CSS | JS | React JS | Angular | Junit | Mockito | Docker | AWS EC2, S3, Lambdas, CI/CD, RDS, Route 53, CloudFront, Elastic IP, Load Balancers, ACM | Kubernetes | GIT]

Portfolio Management (Cognizant)

- Directed RESTful API development for Cognizant, improving efficiency by 30%, showcasing project leadership.
- Led the integration of real-time stock tracking, achieving 100% accuracy, highlighting leadership in innovation.
- Enhanced stock information reliability through data normalization, demonstrating effective communication with API sources.
- Transformed portfolio management, enhancing user interface and reporting capabilities, which resulted in streamlined operations and improved client communication.

Payment Gateway (Verizon Client)

- Implemented a collaborative development approach, to automate user email notifications with Java Mail, enhancing transparency and customer satisfaction by 30% through a new transaction acknowledgment system.
- Performance boosted by 25% using Spring Boot, coordinating with the project team for improved scalability and security.
- Refined MySQL database schema for 20% faster data retrieval, ensuring data integrity and securing data with AES encryption.
- Enhanced database performance and integrity by 15% through indexing and normalization techniques in MySQL.
- Administered the complete lifecycle of the payment gateway project, employing Docker for efficient containerization and AWS for cloud scalability, thereby boosting process efficiency.
- Optimized payment gateway's database schema, achieving a 15% improvement in data integrity and performance.
- Managed full development cycle of the payment gateway, orchestrating efforts across development, QA, and operations team of six, achieving a 25% uplift in project quality standards.

EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK.

Master of Science, Computer Science.

Aug 2022 - Jun 2024

Relevant Coursework: Analysis of Algorithms, Machine Learning, Data Structures, Database Systems.

K L UNIVERSITY, VIJAYAWADA, INDIA.

Bachelor of Technology in Computer Science.

Jul 2017 - May 2021

PROJECTS

What Should I Wear

Jan 2023 – May 2023

[AWS EC2, RDS, Route 53, Load Balancers, Cloud Watch (for Cronjobs), Elastic IP, EC2 Security groups, Elastic IP, PM2 ACM | PostgreSQL]

- Led AWS deployment, using EC2 with Elastic IP and RDS for augmented user experience and data management.
- Deployed AWS Route 53 for efficient URL routing and secure connections, ensuring user safety with SSL via ACM.
- Created a CI/CD pipeline with AWS Load Balancers to improve scalability and reliability by distributing traffic across servers.
- Implemented Cronjobs and PM2 to ensure the app's operational excellence, enabling high availability and prompt delivery of weather updates to users.

SKILLS

- Programming Languages :** C, C++, Java, Python, HTML, CSS.
- Technologies :** Spring, Git, Microservices, Eureka, Postman.
- Databases :** MySQL, PostgreSQL, H2 Database
- Frameworks :** Spring, Spring Cloud Netflix, Microservices, Spring data (JPA, JDBC).
- Cloud :** AWS S3, AWS EC2, AWS RDS, Route 53, AWS CloudFront, AWS ECS, Docker.
- Program Development Documentation.

CERTIFICATIONS

- Cisco Codathon C++ state 2nd – 2020
- ServiceNow Certified System Administrator – 2020
- EPAM India Java Diploma – 2020.
- RPA Professional and Advanced – 2020.