

TARANG SINHA

SOFTWARE APPLICATION DEVELOPER

CONTACT

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SKILLS

Database: DynamoDB, RDS

Tools: GitLab, Datadog

Technologies: Node.js, TypeScript, SQL Server, Serverless framework, RDS, Jest

AWS Services: Lambda, Api Gateway, S3, Event Bridge, SQS, SES, SNS

EDUCATION

Bachelor of Engineering

CMR Institute of Technolog

2017-2021

GPA: 8.2

INTERESTS

Badminton, Chess, Cooking

PROFILE

Dedicated and results-driven software developer with 3 year of hands-on experience in developing and debugging Node applications using AWS services. Proficient in serverless architecture, Node.js, TypeScript, and adept at unit testing. Skilled in resolving complex issues, ensuring optimal application performance, and experienced in handling end-to-end CI/CD pipelines.

WORK EXPERIENCE

SOFTWARE APPLICATION DEVELOPER

KOCH BUSINESS SOLUTIONS

Aug 2021-Present

Public Order Management Service

- Implemented multiple features in the Order Management Application at Koch Ag and Energy Solutions.
- Designed and developed an **event-driven** architecture to enhance system performance and scalability.
- Collaborated with cross-functional teams to refine project requirements.
- Implemented features utilizing **TypeScript** and AWS services: **Serverless Framework**, Event Bridge, Lambda, DynamoDB, API Gateway, SQS, SES, Cognito.

AWS AR Invoice Image Processing

- Took complete **ownership** of the development and designed the AWS AR Invoice Image Processing project from scratch.
- Engineered** an application to process invoice events and seamlessly deliver them to customers.
- Leveraged **Node.js** alongside AWS services such as S3 Bucket, API Gateway, Secret Manager, Lambda, AWS Event Bridge, and DynamoDB for efficient database management.
- Implemented **DataDog monitors** to track application performance and system health.
- Developed **APIs** to facilitate communication and notify customers using email.

Credit Management

- Developed an application for **credit management** which retrieves data from **sharepoint** and process it to **database**.
- Technologies utilized include **Node.js**, AWS services like **S3 Bucket**, **Step Functions**, **Lambda**, **VPC**, and **PL/SQL** for robust database management.
- Implemented **debugging strategies** to troubleshoot and resolve issues efficiently, including resolved **production issues** promptly.

SOFTWARE DEVELOPER, INTERN

KOCH BUSINESS SOLUTIONS

March 2021-July 2021

- Worked on **web application operations**, ensuring seamless functioning of the applications, resolving application issues, and **assisting in testing** to ensure a high level of quality.
- Gained practical experience in **agile development methodologies** and **project management tools**.
- Developed TypeScript/JavaScript based applications using Node JS, Serverless Framework, AWS Event Bridge, AWS Lambda, DynamoDB, API Gateway, SQS, and CloudFormation.