SNEHITH REDDY KANDADI

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PROFESSIONAL SUMMARY

Experienced Software Engineer skilled in building scalable applications using AWS technologies, including Lambda, API Gateway, and DynamoDB. Proficient in Java, Spring Boot, and Node.js, with expertise in developing microservices and integrating Genesys contact center solutions. Strong background in CI/CD, Docker, and Kubernetes, with a focus on security, performance, and monitoring using AWS CloudWatch and ELK Stack. Collaborative team player with a passion for delivering cloud-based solutions in Agile environments.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python

Frameworks & Libraries: Spring Boot, React, Next.js, Node.js, Express

Cloud & Infrastructure: AWS (Lambda, API Gateway, DynamoDB, ECS, S3, Step Functions, EC2, SNS, SQS, Kinesis)

Databases: PostgreSQL, MySQL, MongoDB, DynamoDB

APIs & Web Services: RESTful APIs, Kafka, OAuth2, JWT, Genesys Cloud APIs

Version Control & CI/CD: Docker, Kubernetes, Jenkins, AWS CodePipeline, AWS CloudFormation, Terraform

Testing & Monitoring: AWS CloudWatch, Splunk, ELK Stack, Datadog

EXPERIENCE

Software Engineer   **August 2023 – Present**

Client: Equifax, GA

- Designed, developed, and deployed scalable microservices using Java, Spring Boot, and AWS Lambda to support financial compliance and risk management.
- Integrated with Genesys Cloud APIs to streamline customer interactions and automate contact center workflows.
- Developed and maintained RESTful APIs using Node.js and AWS API Gateway for seamless third-party integrations.
- Leveraged AWS ECS, S3, DynamoDB, and Step Functions to build robust, event-driven applications.
- Built and monitored real-time data streaming solutions using Kafka and AWS Kinesis for financial transaction analysis.
- Developed interactive internal dashboards using React.js and connected them to microservices for real-time data visualization.
- Collaborated cross-functionally in an Agile environment, implementing CI/CD pipelines with Jenkins and automating deployments using AWS CodePipeline.
- Enhanced observability using AWS CloudWatch, Datadog, and ELK Stack for proactive monitoring and troubleshooting.
- Ensured security and compliance with industry standards using OAuth2, JWT, and AWS IAM.

Software Developer   **June 2020 – July 2022**

Souxe Technologies, India

- Developed scalable enterprise applications using Java and Spring Boot, with back-end microservices deployed on AWS Lambda.
- Integrated applications with third-party APIs and ensured secure authentication using OAuth2 and JWT.
- Implemented message queuing systems using AWS SQS for efficient data processing and task automation.
- Developed event-driven architectures using SNS and Kinesis to manage real-time data streams.
- Built and managed containerized environments using Docker and deployed to AWS ECS.
- Created responsive UI components using React.js and collaborated closely with design teams.
- Maintained CI/CD pipelines with Jenkins and infrastructure as code using Terraform.
- Enhanced application monitoring using AWS CloudWatch and log management with ELK Stack.

PROJECTS

ContactFlow

AWS Lambda, API Gateway, DynamoDB, Node.js

* Developed a scalable contact center solution using AWS Lambda and DynamoDB.
* Integrated with Genesys Cloud APIs to manage customer interactions and agent routing.
* Built RESTful APIs using Node.js and ensured secure data exchange.
* Implemented real-time monitoring and performance tracking using AWS CloudWatch.

TaskMaster

React, Node.js, Express, MongoDB

* Developed a task management app using React for the front-end and Node.js/Express for the back-end.
* Implemented secure authentication using JWT and deployed using AWS ECS.
* Integrated AWS S3 for file storage and MongoDB for task data storage.

FlowPay

Next.js, PostgreSQL, Docker

* Built a peer-to-peer payment platform supporting secure transactions and detailed user history.
* Containerized with Docker and deployed using AWS EC2.
* Implemented real-time notifications using AWS SNS and monitored via AWS CloudWatch.
* Used PostgreSQL for efficient data storage and analysis.

EDUCATION

Wilmington University   **December 2023**

Master of Science in Information Systems Technologies

Lovely Professional University   **July 2021**

Bachelor of Technology in Computer Science