

Saikiran Nannapaneni

Portfolio: saikiran-nannapaneni.app

Github: github.com/Saikiran

Email: sai8844n@gmail.com

Mobile: +91-7569767364

Linkedin: linkedin.com/Saikiran

PROFESSIONAL SUMMARY

Effective and inspired Software Engineer with leading experience in writing clean and set code that is well documented and functional. Competent in time and self or project management, delivering significant results while promoting teamwork. Comprehensive knowledge of designing, creating, testing, and deploying information systems with emphasis on best practices and availability. Excellent oral and written communicator capable of presenting new concepts and strategies to help achieve organizational goals.

EDUCATION

Jawaharlal Nehru Technological University

SR Gudlavalleru Engineering College - Bachelor of Technology GPA: 8.61

Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Networking, Databases

Kakinda, India

July 2018 - June 2022

EXPERIENCE

Thales | Software Engineer II

April 2023 –Present

- Spearheaded the successful execution of a full-stack development project, enhancing website performance by 40% and increasing user engagement by 25% through well-documented and tested code implementation.
- Well-versed in diverse technologies to create robust and scalable solutions. Skilled in developing RESTful APIs, SOAP, and portals, seamlessly integrating disparate systems for optimized performance.
- Strong understanding of building and deploying applications using Bamboo and GCP Cloud Build, ensuring efficient and streamlined processes. Proficient in Kubernetes and Ansible for deploying applications, and adept at utilizing Docker for containerization to facilitate smooth deployment workflows
- Proficient in Agile methodologies, with a deep understanding of Jira, Scrum/Kanban, Confluence, Bitbucket, and the Agile development life-cycle, driving efficient project management and collaboration.

PROJECTS

Sentinel Entitlement Management System | Base Product

- Sentinel EMS is an enterprise-grade licensing and management tool, that helps organizations to improve revenues and functions. EMS is performed with centralized management for many licensing systems and helps in the creation of the license. It supports SaaS, Hybrid, and On-Premise models that address varying business requirements.
- Sentinel EMS empowers customers and partners with self-service capabilities for activation, renewal, and upgrades. Its scalable, secure infrastructure ensures 99.99% uptime, making it a reliable choice for software and hardware licensing management.

We provide customized components and services on top of EMS to the customers as per their business logic.

Components & Services | Rest API, Soap, Micro Service, Serverless, Event-driven Component

Connector | Java, Spring, Swagger, Docker

- Developed custom APIs on top of the base EMS API to provide customized services and support. Integrated a mailing system with dynamic custom templates and deployed the solution on Kubernetes for scalability and reliability.
- Implemented modern solutions such as token-based transactions, Custom Email Templates, and session management using Redis.

Outbound | Java, Event Listener, Docker

- Outbound is a serverless function triggered by event sources from EMS to provide various services as per customer requirements.
- Used to push transaction data from EMS to Customer end-points.

License Key Generator (LKG) | Docker, Java, MySQL

- Custom license key generators (LKG) are built as per customer prerequisite.
- LKG is used to create custom license key to the end-user.

Portals | Java, Spring Boot, XSL

- Developed Enhanced Customer and Partner Portals on top of EMS covering all the features to customer end users
- Provided SSO login to the Customer end-user in portals. Implemented various SSO login systems (viz.SAML, Okta, Keycloak) for various customers.
- Implemented custom reports to fetch logged user data from EMS.

Micro Service | *Java, Spring Boot, SMTP, XSL Templates, Cron Job,*

- Designed and implemented a standalone Java-based component triggered by a Kubernetes CronJob to perform scheduled tasks, ensuring efficient and automated execution of critical backend processes.
- Developed a reusable template connector application in Java to eliminate code redundancy across services, enabling lightweight and maintainable applications by centralizing core functionalities.
- Implemented custom reports to fetch logged user data from EMS.

Cloud Cozy - DevOps | *S3, LAMBDA, SNS, EventBridge, IAM, EC2, RDS* | [Link](#)

- Demonstrated hands-on experience with key AWS services, including EC2 for scalable compute, S3 for secure storage, Lambda for serverless architecture, IAM for access management, SNS for notifications, EventBridge for event-driven architectures, Glue for data processing, Athena for query analytics, and RDS for relational database management.
- Built robust event-driven workflows using AWS Lambda, EventBridge, and SNS to enable real-time application responsiveness and reduce operational latency.
- Designed and implemented end-to-end solutions by integrating Java-based applications with AWS services, ensuring seamless data flow, enhanced security, and optimized performance.

TECHNICAL SKILLS

Languages : Java, Hibernate, JDBC, SQL, JavaScript, HTML, CSS, Shell Scripting

FrameWorks : Spring, Spring Boot, Angular, React JS

Tools : Git, Docker, Kubernetes, Helm, Swagger, Postman, SOAP UI, MYSQL, Jira, Bamboo

Cloud and Security Tools : AWS, Keycloak, GCP

Others : Agile Methodologies (Scrum), Design Patterns, Debugging, Root Cause Analysis,

AWARDS AND CERTIFICATIONS

Postman API Fundamentals Student Expert | *Postman* | [Link](#)

Peer Mentor | *Department of English - GEC*

Trailhead Expenditure badge holder | *Salesforce* | [Link](#)

Python Certification | *Coursera* | [Link](#)

Google Cloud Machine Learning - Vertex AI | *Udemy*