

MANDADAPU SAAIRAM

+1 (314) 485-4864 | saairam.dev@gmail.com | [LinkedIn URL](#)

SUMMARY

Results-driven Software Engineer with 6+ years of experience in backend, frontend, and full-stack development. Adept at designing and developing scalable, high-performance applications using modern Java, JavaScript frameworks, microservices, cloud computing, and DevOps. Strong expertise in software architecture, API development, and system design for enterprise-level applications. Passionate about optimizing system performance, improving scalability, and driving automation.

TECHNICAL SKILLS

- **Languages:** Java (8/11/17), Python, JavaScript (ES6+), TypeScript, C++
 - **Backend:** Spring Boot, Microservices, Node.js, RESTful APIs, GraphQL, Hibernate, Django
 - **Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS), Kubernetes, Docker, Jenkins, Terraform, Azure
 - **Databases:** PostgreSQL, MongoDB, DynamoDB, Apache Kafka, Redis
 - **Security & Auth:** OAuth2, Spring Security, JWT, HIPAA Compliance, IAM
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PROFESSIONAL EXPERIENCE

Stifel Financial Corp | Java Full Stack Developer | Dec 2023 - Present

- Developed and maintained high-performance financial applications using Java 8, Spring Boot, and Microservices architecture.
- Integrated AWS services like S3, Lambda, RDS, and DynamoDB for improved cloud scalability and reduced infrastructure costs.
- Configured Jenkins CI/CD pipelines for automated deployments, reducing deployment time by 40%.
- Migrated legacy applications from AngularJS to modern Angular 13, and enhanced user interfaces with React.js for improved performance and user experience.
- Developed unit and integration tests using JUnit, Cypress, Selenium, improving test coverage to 90%.
- Integrated Spring Security and OAuth2 for secure financial transaction handling, ensuring strict data privacy and system integrity.

Catalent | Java Full Stack Developer | Mar 2023 - Dec 2023

- Developed scalable backend APIs using Spring Boot, Spring Data JPA, and Node.js for pharmaceutical applications.
- Leveraged AWS Lambda and DynamoDB for serverless computing and reduced latency by 30%.
- Implemented Apache Kafka for real-time data streaming and inter-service communication.
- Optimized complex SQL and NoSQL database queries in PostgreSQL and MongoDB, reducing query execution time by 40%.
- Automated deployments using Terraform, Docker, Kubernetes, and Jenkins pipelines.

Amazon | Java Full Stack Developer | May 2021 - Nov 2022

- Designed and implemented microservices architecture using Spring Boot, Node.js, and GraphQL.
- Integrated AWS services (EC2, S3, API Gateway, Lambda, RDS) for scalable and cloud-based deployment.
- Containerized applications utilizing Kubernetes and Docker, improving deployment efficiency across global environments.
- Migrated legacy applications from Spring MVC to Spring Boot, reducing boot-up time by 50%.
- Developed React.js and Next.js UI components to enhance user experience and application performance.

Aditya Birla Sunlife Insurance | Java Developer | Mar 2019 - Apr 2021

- Developed and maintained enterprise insurance applications using Spring Boot and Hibernate.
- Designed and implemented RESTful and SOAP APIs for policy management and claims processing.
- Optimized multi-threaded applications for handling high-volume transactions.
- Implemented CI/CD pipelines with Jenkins, reducing manual deployment efforts by 50%.
- Deployed and monitored applications using Azure cloud services and Dockerized deployments.

EDUCATION

- **Master's in Cybersecurity and Operations** | Webster University | GPA: 3.75
- **Bachelor of Science in Computer Science** | GITAM University

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate
- Certified Kubernetes Administrator (CKA)
- Oracle Certified Java SE 11 Developer