

Satyam Kalihari

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PROFESSIONAL SUMMARY

Cloud-Native Full-Stack Developer with 14 months of production experience building scalable, resilient applications across the full SDLC. Specialized in crafting rich ReactJS frontends, Java/Node.js backend microservices, and managing AWS infrastructure (S3, CloudFront). Deeply experienced with agile methodologies, TDD, and No-SQL data modeling. Target 2027 graduate ready to drive impactful digital transformation in hybrid cloud environments.

CORE COMPETENCIES

ReactJS / SPAs

Backend Microservices

AWS Cloud Services

Event-Driven Architecture

SQL & No-SQL Data Modeling

Agile & DevSecOps

API-Driven Design

Observability & Telemetry

EXPERIENCE

NormaTech AI May 2024 – Jul 2025

Software Engineer Intern

- Architected and shipped **15+ modular ReactJS UI components** within an Agile continuous release cycle, accelerating future feature delivery by ~30%.
- Analyzed and resolved **12 critical API defects** within microservices, leveraging observability tools to eliminate asynchronous data-race conditions.
- Conducted rigorous performance testing, developing frontend optimization strategies that improved SPA page load times and Core Web Vitals by **40%**.

CLOUD & MICROSERVICE PROJECTS

Kefi Villa -- Cloud-Native SPA Digital Platform

Delivered an end-to-end cloud platform following strict Agile delivery phases. Integrated AWS S3 and CloudFront CDN caching, reducing media load latency by ~45% for a secure, highly scalable booking system.

ReactJS

Next.js

AWS Cloud Services

Clerk Auth

CashCard -- Resilient Backend Microservice

Built a RESTful API-driven microservice implementing 12-factor principles. Designed rigorous data models and achieved 95%+ branch test coverage using **TDD and data contract automation**.

Java 17

Spring Boot

SQL Data Modeling

DevSecOps Practices

ACM Hub -- Event-Driven Community Platform

Designed an event-driven architecture using Node.js and Socket.IO handling 100+ concurrent connections. Implemented No-SQL data modeling in MongoDB, reducing aggregation query latency by ~35%.

NodeJS

Event-Driven Design

No-SQL (MongoDB)

GraphQL

EDUCATION

B.Tech in Computer Science and Engineering -- [Symbiosis Institute of Technology](#) Expected 2027

| Relevant coursework: Software Engineering, Data Structures, Algorithms, Database Management Systems.

CERTIFICATIONS & PATENTS

Published Patent: AI-Powered Multilingual Tourism Assistance System (No. 202621072880)	Indian Patent Office	Jul 2026
Published Patent: Decentralized Smart Contract Lifecycle Mgmt (No. 202521124979)	Indian Patent Office	Jan 2026
ServiceNow Certified Application Developer (CAD)	ServiceNow University	May 2026

TECHNICAL SKILLS

Frontend (SPAs): ReactJS, Next.js, HTML/CSS, TailwindCSS **Backend (Microservices):** Java, NodeJS, Spring Boot, API-Driven Design, Socket.IO
Cloud & DevSecOps: AWS (S3, CloudFront), TDD, CI/CD, Observability, Telemetry
Data & Architecture: SQL, No-SQL (MongoDB), GraphQL, Event-Driven Architecture