

Results-driven Software Engineer with 9+ years of experience in developing and deploying scalable, high-performance full-stack applications. Proficient in Java, Spring Boot, Node.js, Angular, React, and AWS cloud-native architectures. Holds an M.Tech in Computer Science Engineering with a strong focus on innovation, problem-solving, and continuous learning. Skilled in delivering robust, production-ready solutions in agile environments. Based in Bahrain and open to global relocation. Seeking impactful roles in innovative, research-driven organizations.

## Education

### JNTU

M.Tech in Computer Science, CGPA: 72%  
Hyderabad, India

May 2016

### SIT

B.Tech in Information Technology, CGPA: 70%  
Siliguri, W.B

Jun 2013

## Experience

### GBM

Full Stack Developer  
Muharraq

- Led end-to-end development of the E-Authorization platform serving over 100K users across Bahrain's government sector.
- Designed and implemented scalable frontend and backend architectures using Node.js, NestJS, and Angular/React.
- Built and deployed secure APIs and reusable components to support mobile and NGI teams.
- Created POCs and conducted live client demonstrations to validate technical feasibility and requirements.
- Delivered production-ready dashboard modules and backend services, ensuring high performance and maintainability.

### Tata Consultancy Services

Full Stack Developer  
Dubai

Feb 2023 - Mar 2024

- Developed Auto Pay Toggle functionality in the loan dashboard using Angular, enhancing user experience for retail banking customers.
- Designed and implemented RESTful APIs and backend business logic using Java and Spring Boot.
- Built a secure workflow for sensitive data management, including two-step account addition permissions, data validation, and caching mechanisms.
- Integrated robust authentication and authorization protocols for retail user access and actions.

### Tata Consultancy Services

Software Developer  
Kuala Lumpur

Apr 2021 - Feb 2023

## Skills

- Languages & Scripting: Java, JavaScript, TypeScript, Python, HTML, CSS3, SQL
- Frontend Technologies: Angular, React, Next.js, jQuery, Bootstrap, Tailwind CSS, Material UI
- Backend & Frameworks: Spring, Spring Boot, J2EE, Hibernate, JDBC, Node.js, NestJS, Express.js, Mulesoft
- API Development: RESTful APIs, SOAP, GraphQL, Web Sockets
- Databases & Caching: Redis, MongoDB (Mongoose), PostgreSQL, MySQL, TypeORM
- Messaging & Streaming: Kafka, ActiveMQ
- Cloud & DevOps: AWS (EC2, S3, RDS, API Gateway, Cognito, Code build, Code Deploy, Lambda, CloudWatch, SQS, SNS), CI/CD
- Architecture & Design: System Design, Microservices, Reactive Programming, Data Structures & Algorithms

- Engineered PORT IN/PORT OUT systems by designing and implementing low-level and high-level architecture for Celcom's telecom infrastructure.
- Led the development of core modules across billing, KYC, transactions, and network systems, including API integrations.
- Enhanced backend performance, reducing API response times by 30% through profiling and system-level optimizations.
- Collaborated with cross-functional teams and mentored junior developers on backend optimization best practices.

## Infinite Computer Solutions

Software Developer

Chennai

Sep 2020 - Mar 2021

- Developed a scalable, high-performance media streaming platform supporting multi-participant real-time communication using Kurento Media Server and Web Sockets.
- Designed a low latency streaming architecture to deliver synchronized video/audio streams, ensuring smooth playback and interactive user experience.
- Implemented WebSocket-based bidirectional communication between server and clients for real-time media synchronization.
- Built backend modules in Java and Spring Boot to manage user sessions, stream synchronization, and real-time interactions.
- Designed participant dashboards with integrated live stream recording and playback features.
- Optimized media handling workflows to ensure efficient processing, minimal latency, and high-quality delivery across all participants.

## UST Global

Full Stack Developer

Trivandrum

Aug 2018 - Sep 2020

- Extracted and transformed data from JDE and TCMIS systems by designing database mappings and interchange processes tailored to project needs.
- Developed and maintained API automation scripts using Cucumber, improving test coverage and ensuring reliable API workflows.
- Leveraged Mule ESB as middleware to enable seamless data routing and integration between enterprise systems.
- Designed and deployed Mule flows to process and deliver results efficiently to downstream systems such as JDA.
- Collaborated with cross-functional teams to integrate APIs and middleware services, ensuring timely project delivery and system performance.

## Virinchi Technology

Software Developer

Hyderabad

Sep 2016 - Jun 2018

- Developed key modules for the Virinchi hospital Project, including Doctor Portal, Patient Center, CRM, and Restaurant Management System (RMS), delivering solutions based on dynamic business requirements.
- Built doctor-facing features for managing patient prescriptions, conducting online consultations, and streamlining patient-related activities.
- Implemented patient-facing functionalities, including online appointment booking, access to medical reports, prescriptions, and video consultations.
- Developed and maintained CRM modules for patient query management, appointment scheduling, and backend operations.
- Contributed to the development of an online food ordering system for patients, attendants, and doctors within the hospital ecosystem.

- Created automated Excel and PDF reports, implementing scheduled tasks for distribution per business needs.
- Designed and optimized relational database tables to ensure data consistency, system scalability, and project-specific requirements.
- Enhanced RMS frontend using AngularJS, improving user interactivity and experience.
- Actively participated in technical discussions, analyzing requirements and contributing to architectural decisions.

## **Scorg International**

Associate

Hyderabad

May 2016 - Sep 2016

- Completed formal training in Java, Spring, HTML, CSS, JavaScript, REST, and Hibernate to prepare for project execution.
- Contributed to the development of the QFund financial application, enabling customers to apply for loans, manage applications, and handle loan processing workflows.
- Participated in daily stand-up meetings, providing task updates and progress reports.
- Assisted in the development of RESTful backend APIs using Java, Spring, and Hibernate.
- Collaborated in integrating frontend components with backend services, ensuring seamless and functional features for the application.