

SHAMEER C E

📍 Kerala, Kerala, India ✉ shameer66ster@gmail.com ☎ +919995305858 🔗 [linkedin.com/in/shameer-e-93488a4b](https://www.linkedin.com/in/shameer-e-93488a4b)

SUMMARY

Results-driven Cloud-Native Full Stack Developer with 15+ years of experience in architecting and deploying scalable applications using AWS Lambda, AppSync, S3, React.js, and Node.js. Strong expertise in serverless architectures, CI/CD automation, GraphQL APIs, and modern DevOps practices. Proven ability to lead cross-functional teams and deliver enterprise-grade cloud solutions.

EXPERIENCE

Senior Technical Lead - Engineering

WAY.COM

July 2026 - Present

- Architect technical solutions for SaaS application features while leading the engineering development team.
- Drive technical solutioning and delivery across the software development lifecycle to ensure high-performance execution.
- Support strategic architectural decisions and oversee engineering standards across cross-functional delivery teams.

Lead II - Enterprise Solutions

UST

March 2021 - July 2026

- Built a data catalog web app using React.js, AWS Lambda (Python), and Snowflake, reducing manual data access time by 60%.
- Automated financial data workflows by designing serverless microservices with AWS Lambda, Node.js, React.js, and Aurora PostgreSQL using Sequelize ORM, improving processing efficiency and system reliability.
- Integrated Tableau dashboards with backend systems to enable real-time executive analytics and data-driven decision-making at the leadership level.
- Architected and maintained a highly scalable serverless backend using NestJS, AWS Lambda, and AppSync (GraphQL), powering a Flutter-based cross-platform application with 150+ modular API-driven Lambda functions.
- Developed an underwriting application for the insurance domain using React.js, Express.js, AWS ECS, Lambda, SQS, Aurora PostgreSQL, Amazon Bedrock, and a third-party LLM module to automate document processing and data extraction.

IT Specialist and Full Stack Developer

Asbar Integrated Services

February 2020 - February 2021

- Develop and maintain multiple web applications for internal administrative and client-facing use.
- Integrate backend databases and APIs to streamline data processing and user management workflows.
- Provide ongoing IT support and technical improvements for deployed web solutions.

Full Stack Web Developer

Golden Group Holding

December 2018 - February 2020

- Implement web-based solutions to optimize internal client operations and workflow efficiency.
- Build responsive front-end interfaces and robust backend services using modern web technologies.
- Maintain and troubleshoot existing web systems to ensure high availability and reliability.

Web Developer and Social Media Coordinator

APCC WLL

February 2016 - November 2018

- Design and deploy targeted marketing campaigns and integrated web solutions for social media platforms.
- Manage social media coordination and digital content delivery to boost online audience engagement.
- Coordinate with marketing teams to align web assets with campaign objectives and brand guidelines.

Full Stack Developer

Bidertech Solutions Pvt Ltd, India

January 2015 - February 2016

- Lead the design and development of client-facing web applications to support business operations.
- Collaborate with stakeholders to gather requirements and translate business needs into technical specifications.
- Optimize application performance and ensure cross-browser compatibility across all deliverables.

UI/UX Developer

Infoxtron Labs Infonet Pvt Ltd, India

June 2014 - December 2014

- Create interactive wireframes, prototypes, and user-centric designs for web and mobile platforms.
- Translate user experience concepts into intuitive interface designs aligned with client requirements.
- Collaborate with development teams to ensure seamless implementation of UI/UX designs.

Full Stack Web Developer

Imrokraft Solutions Pvt Ltd, India

June 2013 - May 2014

- Design and deploy full-stack web applications from conception to production release.

- Build robust backend logic and responsive user interfaces to deliver comprehensive digital solutions.
- Test and debug web applications to ensure optimal performance and user experience.

Web Developer

Thought Ripples Pvt Ltd, India

September 2011 - May 2013

- Contribute to multiple web development projects with a primary focus on application performance and scalability.
- Write clean, maintainable code for client web applications adhering to industry best practices.
- Participate in code reviews and testing phases to ensure high software quality standards.

PROJECTS

Data Catalog Application

- Led the development of an end-to-end data catalog application leveraging the React framework as the foundation.
- Translated Adobe XD designs into fully functional, responsive web interfaces using React.js.
- Integrated a REST API hosted on AWS Lambda using Python and the Function as a Service paradigm for seamless data integration.
- Utilized the Snowflake data warehouse as the secure backend database for enterprise data storage.
- Combined React and Python web solutions with Snowflake to deliver robust database-backed web applications.

Financial Automation System

- Developed a serverless financial data automation project leveraging AWS services and a modern tech stack.
- Automated the process of uploading financial data through a React.js frontend communicating with a serverless backend via API Gateway.
- Implemented efficient database operations using AWS Lambda with Node.js 20.x, Aurora PostgreSQL, and Sequelize ORM.
- Streamlined data consumption for the Tableau BI team to generate executive dashboards for CXO-level decision-making.
- Ensured high scalability, cost-efficiency, and seamless integration with BI tools across the architecture.

Serverless Backend for Cross-Platform App (NestJS + AWS Lambda + AppSync)

- Developed and maintained a robust, serverless backend architecture using a custom NestJS based framework, deployed on AWS Lambda.
- The system utilized AWS AppSync with GraphQL for seamless API communication, and Flutter as the cross-platform frontend.
- The architecture included over 150+ Lambda functions, each handling modular APIs with high scalability and low latency.
- Designed and implemented various backend modules, including authentication, entitlement management, and Perks reward systems.
- Used DynamoDB as the primary NoSQL datastore with efficient indexing and access patterns.
- Actively contributed to solutioning and architectural decisions across multiple features and services, improving system scalability and maintainability.
- Followed CI/CD best practices and used infrastructure-as-code for deployment automation.
- Collaborated closely with frontend and QA teams, enabling faster iteration cycles and smoother releases.

Under Writing Application (Health Insurance Domain)

- Developed a front-end application using React.js and a microservices-based backend built on Express.js, supported by AWS ECS, Lambda, and Aurora PostgreSQL.
- Implemented a file upload workflow where scanned files are processed by AWS Lambda, routed through SQS queues, and handled by multiple microservices.
- Integrated a third-party LLM module to convert scanned documents into structured data and extract key information into the database.
- Utilized AWS Bedrock to process stored data and align it with LLM outputs generated by the data science module.
- Designed and deployed backend services on AWS ECS, ensuring sequential execution of processing tasks.
- Stored final processed outputs in an Aurora PostgreSQL output table for seamless downstream consumption.

Resort Management System

- Developed a system for online and offline reservation management.

Billing System

- Designed an e-billing solution for retail businesses with remote access capabilities.

Kitchen Order Ticketing Web App

- Implemented a scalable system with integrated admin, billing, and kitchen modules.

Sales and Service Application

- Built an inventory and sales management app with barcode integration.

EDUCATION

Bachelor of Technology (B. Tech) in Computer Science & Engineering

Cochin University of Science and Technology

Higher Secondary Education (HSE)

Kerala State Board

Secondary School Leaving Certificate (SSLC)

Kerala State Board

CERTIFICATIONS

Professional Cloud Developer Certification

Google

• Professional Cloud Developer Certification - Credly.

SKILLS

AWS (Lambda, AppSync, S3, API Gateway, DynamoDB, IAM, RDS, CloudWatch)

GCP (Cloud Functions, Cloud Storage)

React.js, JavaScript (ES6+), HTML5, CSS3, Redux, Next.js, Tailwind CSS, Flutter

Node.js, Python, TypeScript, PHP, Express.js, NestJS, REST APIs, GraphQL APIs

Git, Bitbucket, GitHub Actions, Jenkins, Docker, AWS CloudFormation, Terraform
