

# Sarmad Zaki

+92-340-2367285 | [sarmad.zaki@yahoo.com](mailto:sarmad.zaki@yahoo.com) | [linkedin.com/in/sarmadzaki](https://linkedin.com/in/sarmadzaki) | [github.com/sarmadzaki](https://github.com/sarmadzaki)  
Karachi, Sindh, Pakistan

## PROFESSIONAL SUMMARY

Self-taught Software Engineer with 7+ years of experience building scalable, production-grade web and mobile applications using MEAN/MERN stack. Proven track record of leading teams, architecting cloud-native solutions, and delivering innovative products across e-commerce, logistics, and enterprise SaaS platforms. Passionate about clean code, system design, and contributing to open-source communities.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Java, SQL, Python

**Frontend:** React, Redux, Redux Toolkit, Angular 2/4, Vue.js, Next.js, HTML5, CSS3, Material-UI, Ant Design

**Backend:** Node.js, Express, NestJS, Spring Boot, RESTful APIs, GraphQL, WebSockets

**Databases:** PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, Elasticsearch, DexieJS

**Cloud & DevOps:** AWS (Lambda, API Gateway, S3, Cognito, CloudFormation), Serverless Framework, Docker, CI/CD (CodePipeline, TeamCity)

**Tools & Practices:** Git, Agile/Scrum, System Design, Microservices, Queue Systems (Bull), Test-Driven Development

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer

*Alectify Inc.* Aug 2023 – Present  
*Canada (Remote)*

- Architecting and developing revolutionary product for the electrical industry using modern full-stack technologies
- Built multiple scalable frontend modules using TypeScript, React, Redux Toolkit, and DexieJS for offline-first capabilities
- Designed and implemented backend microservices with NestJS, PostgreSQL, Redis, and Bull queue system for asynchronous processing
- Collaborated cross-functionally with product and design teams to deliver high-quality, user-centric features

### Senior Software Engineer I

*Bazaar Technologies* Apr 2022 – Sep 2023  
*Karachi, Pakistan*

- Developed comprehensive care platform enabling 10,000+ bookers/riders to submit and track support tickets for internal applications
- Engineered commercial solutions including automated tax calculation engine, minimum order price logic, vendor management portal, and product catalog system serving 500+ vendors
- Improved system reliability by implementing error handling, logging, and monitoring resulting in 40% reduction in support tickets
- Collaborated with commercial team to translate business requirements into technical specifications and scalable solutions

### Senior Software Engineer

*Folio3 Software* Feb 2022 – Apr 2022  
*Karachi, Pakistan*

- Led team of 3 engineers, coordinating directly with clients to gather requirements and define technical roadmaps
- Mentored junior developers on architecture decisions, code reviews, and best practices in Node.js, Java, and Spring Boot
- Delivered enterprise document management system with role-based access control, reducing document retrieval time by 60%

### Software Engineer

*Folio3 Software* May 2020 – Feb 2022  
*Karachi, Pakistan*

- Built secure enterprise document management platform with centralized storage, version control, and audit trails for Fortune 500 clients
- Developed contract/proposal/SLA data capture system with automated invoice processing, reducing manual entry time by 75%
- Architected Trust platform mobile app enabling passwordless authentication, digital signatures, and IoT connectivity using React Native
- Optimized Elasticsearch queries reducing search latency from 3s to 300ms for 1M+ document repository
- Tech Stack: React, Node.js, Java, Spring Boot, MySQL, MongoDB, Elasticsearch, AWS

**Associate Software Engineer***VentureDive*

Nov 2018 – Apr 2020

*Karachi, Pakistan*

- Contributed to one of the largest online private jet booking platforms, handling 100K+ monthly users
- Developed responsive, accessible UI components using React, Material-UI, and Ant Design following atomic design principles
- Implemented real-time flight availability system using WebSockets and PostgreSQL, improving booking conversion by 25%

**Full Stack Developer***ProgStream*

Jan 2018 – Oct 2018

*Pakistan*

- Delivered end-to-end MEAN/MERN stack applications including e-commerce and logistics platforms on tight deadlines
- Independently architected and deployed production application using Angular, Node.js, and AWS CodePipeline
- Reported directly to CEO, demonstrating ownership and accountability across the full software development lifecycle

**EDUCATION****Govt. National College***Intermediate, Pre-Engineering**Karachi, Pakistan**2013 – 2015***CERTIFICATIONS & ACHIEVEMENTS****JavaScript Certification****Front End Development Certification****ReactJS & Redux Bootcamp** – Stack Innovations (2017)**Open Source Contributor** – Active contributor to open-source communities