



# MUHAMMAD SARMAD

SENIOR FULL-STACK  
SOFTWARE ENGINEER

## CONTACT



+923421464075



muhammadsarmad24@gmail.com



Gujrat, Punjab 50700

## SKILLS

- ReactJS
- React Native
- NodeJS
- Golang
- Rust
- Firebase & Supabase
- VueJS
- Python, FastApi, OpenAI
- Ruby on Rails
- Web3
- RestAPI, GraphQL, tRPC, Microservices
- Caching, Offline first
- Responsive UI & UX
- Electron & Tauri
- MongoDB
- Postgres
- Cloudflare and AWS

## PROFESSIONAL SUMMARY

⚡ I build software with impact — fast, reliable, and built to scale. Full-Stack Software Engineer & Entrepreneur with **7+** years of experience building scalable **web, mobile, and backend** platforms. Experienced in real-time collaboration and blockchain.

🤝 I bring a blend of technical depth, product ownership, and business strategy, ensuring products are resilient, maintainable, and built to scale.

## EXPERIENCE

January 2022 - August 2025

### Senior Full-Stack Software Engineer

Meridian University, USA

- Led development of cross-platform apps (web, mobile, desktop), ensuring consistent UX across rooms, spaces, and block-based interfaces similar to Notion.
- Architected and implemented a unified UI system and scalable app structure supporting over 30 block types (pages, databases, canvases, goals, events), empowering users to create flexible and dynamic content.
- Built real-time and asynchronous collaboration features, including chat, audio/video calls, streaming, and multiplayer canvases.
- Enhanced user experience with offline support, optimistic UI updates, and responsive layouts across mobile, tablet, and desktop.
- Maintained strong quality and reliability through automated testing (Playwright, Jest), documentation, and CI/CD pipelines with GitHub Actions.

September 2023 - May 2025

### Senior Full Stack Software Engineer

MC<sup>2</sup> Finance, Switzerland

- Played a central role in building a high-performance Vue.js application tailored for decentralized finance.
- Implemented Cypress end-to-end tests to ensure reliability, functionality, and smooth user experience.
- Worked with blockchain platforms and protocols, integrating Web3 for Ethereum and cross-chain interactions.
- Engineered performant and secure backend services in Nodejs and Rust, strengthening system reliability.
- Integrated real-time features (e.g., WebSockets, SSE) to enhance live user interactions.

September 2022 - June 2024

### Senior Full Stack Software Engineer

Bridge Nine, Finland

- CI/CD , Github Actions
- Docker & Kubernetes

- Developed and maintained mobile and web applications for inventory management and customer interactions.
- Contributed to back-end systems for ITAD workflows and secure data handling.
- Ensured databases were scalable and well-structured, supporting accurate record-keeping.
- Promoted transparency and environmental responsibility in device management.

August 2021 - August 2022

### **Senior Full Stack Software Engineer**

boomrng, LLC, United States

- Built web and mobile apps with React.js and React Native, using JavaScript and TypeScript. Set up a monorepo to share GraphQL auto-generated schemas and common utilities across platforms.
- Developed scalable services with Node.js, including an Apollo GraphQL server, REST APIs, and a media server, all connected to MongoDB.
- Ensured seamless integration between frontend and backend, enabling efficient data flow and a consistent user experience.

March 2022 - May 2022

### **React Native Developer**

Pebble, United States

- Home dashboard with income, spending, and transaction insights
- Transactions list with search, filters, and detailed views
- Authentication flows with deep linking for sign-in and password reset
- Reward redemption system and user profile management

January 2021 - August 2021

### **Senior Full Stack Software Developer**

Jeti, Inc., United States

- Developed and maintained the core platform, including mobile apps, an admin panel, RESTful APIs, a notification server for push notifications, and a job scheduler.
- Leveraged technologies such as Redux for state management, Docker for containerization, Socket.io for real-time features, and GCP for cloud infrastructure.
- Applied Atomic Design principles to build clean, scalable, and reusable UI components.
- Enhanced user experience by improving usability and designing visually appealing interfaces.
- Earned a promotion to team lead for the mobile app, reflecting strong technical contributions and leadership.

September 2018 - July 2019

### **Senior Front End Software Engineer**

DigiProc, United States

- Built mobile and web applications using React Native and React.js.

- Developed and integrated a Node.js RESTful API with MongoDB to support core operations.
- Streamlined insurance workflows and improved client interaction through digitization.
- Delivered a scalable, efficient system that enhanced usability for both agents and clients.

April 2017 - October 2018

### **Senior Full Stack Software Engineer**

Malaysia Civil Defence Force, Malaysia

- Served as a full-stack developer, delivering a comprehensive solution for the Malaysian Civil Defence.
- Built a React.js web application and cross-platform mobile apps (Android/iOS) using React Native.
- Developed a RESTful API with Node.js and MongoDB to power backend operations.
- Delivered a robust, scalable system that improved efficiency for civil defense personnel.
- Collaborated closely with stakeholders to ensure the solution met organizational needs effectively.

## EDUCATION

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January 2020

### **Master of Science - MS in Computer Science**

University of Gujrat

January 2017

### **Bachelor of Science - BS in Computer Science**

University of Gujrat

## WEBSITE, PORTFOLIO AND PROFILES

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[www.linkedin.com/in/muhammadsarmad-dev](http://www.linkedin.com/in/muhammadsarmad-dev)

<https://github.com/sarmadkung>