

SARIB MAHMOOD

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SUMMARY

Software Engineer with 10+ years of full-stack expertise building scalable, user-centric applications. 3+ years of technical leadership experience driving engineering teams to deliver high-impact products.

EXPERIENCE

Highlight

Brooklyn, NY

Co-Founder, Vie (vie.dev & vie.game)

Mar 2025 - Present

- Co-founded Vie, an AI-powered platform for natural language app and game creation, as a strategic pivot from Highlight's NFT marketplace
- Designed and implemented Vie's container architecture with isolated sandbox environments provisioned per user session, later repurposed to power vie.game for AI-driven game creation
- Built AI agentic workflow system with specialized subagents for code generation, blockchain integration, deployment orchestration, and game physics/theming

Engineering Lead, NFT Marketplace

Dec 2021 - Mar 2025

- Architected and deployed NFT marketplace using event-driven Kafka architecture, processing 100K+ events per minute at peak load
- Built real-time activity streaming system across 13+ blockchain networks, achieving sub-second latency for live user events
- Built core generative engine powering unique NFT collections across the Highlight ecosystem

JoeZoo

Toronto, ON

Technical Lead, Engineering

Jan 2017 - Nov 2021

- Migrated Core API services from a monolith to reactive microservices using Spring WebFlux to address scaling as userbase grew to 50k MAU (5M+ users total)
- Orchestrated Kubernetes clusters on AWS EKS, streamlining deployment processes and reducing deployment time by 80%
- Built Python-based NLP service for automated grading of student submissions, reducing teacher workload and providing instant feedback
- Implemented event pipeline using queues and serverless functions to stream tracking events from multiple sources to data warehouse

Frag Games

Lahore, Pakistan

Software Engineer

Jan 2015 - Nov 2016

- Implemented Dynamic Question Rating Algorithm to simplify the question entry process for teachers on the gaming platform
- Upgraded networking channels between gaming servers, reducing monthly network costs from \$1000+ to \$100-\$200

PROJECTS

Cocommand (github.com/saribmah/cocommand) — AI-native command bar for macOS built with Rust and Tauri v2. Interprets natural-language intent, routes to the correct tool, and returns a result or execution plan.

Baindar (github.com/saribmah/baindar) — AI-powered document binder that turns PDFs, receipts, and contracts into searchable, queryable memory. Cloudflare Workers backend with web, iOS, and desktop clients.

EDUCATION

National University of Computer and Emerging Sciences

Lahore, Pakistan

Bachelor of Science, Computer Science *GPA: 3.07*

Aug 2010 - Jul 2014

PROGRAMMING SKILLS

Languages: TypeScript, Python, JavaScript, Java, Groovy, C++, Solidity, HTML, CSS
Frameworks: Node.js, React, Spring WebFlux, Next.js
Infrastructure: Kubernetes, AWS (EKS), Kafka, Docker, Serverless
Blockchain: Solidity, EVM chains, NFT standards (ERC-721, ERC-1155)