

# Shahid Shaikh

Software Architect, Published Author, Open source contributor

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## ABSTRACT

Principal Architect and AI/ML technologist with 10+ years of experience designing, scaling, and delivering high-impact platforms across cybersecurity, social media, DevOps, and cloud-native engineering. Strong record of leading engineering teams, building production-ready products from scratch, and solving complex performance and scalability challenges.

Worked as a consultant for high-growth startups and enterprise platforms—**Bravvox**, **Veracode**, and others—while employed full-time at AccionLabs. Experienced in full-stack architecture, distributed systems, Kubernetes, cloud infrastructure, and generative AI.

Published author of 4 books and an active open-source contributor. Contributor to Node.js, OrbitDB, and IPFS to name a few. Public speaker and delivered talks at conferences and believes in giving back to the developer community. Authored 100+ articles on numerous topics.

Currently building developer-focused and AI-driven tools, exploring startup ideas, and creating educational content.

## WORK EXPERIENCE

### Accionlabs, Mumbai — Principal Architect

FEB 2018 - PRESENT

Continuous full-time employment, delivering multiple engineering & architecture consulting engagements for global clients.

Helping clients architect and build next-generation software and solutions. Built award-winning decentralized application framework - **Maze** to accelerate **Web 3.0** application development.

### Principal Architect at Accionlabs

- Lead architecture for SaaS, cybersecurity, social networking, and devtools products.

## SKILLS

Software architecture (HLD and LLD), Distributed Systems, Event-driven design, Blockchain and DApps, LLMs, Prompt engineering, RAG system design, Agentic AI development, SaaS Development, System scaling and optimization, and AWS Cloud.

## AWARDS

Maze won the 2021 Stratus Award in the IoT category.

## BOOKS

Building Decentralized Applications Using Blockchain  
Learning Azure Cosmos Database  
Mastering RethinkDB  
Sail.js Essentials

## TECHNOLOGIES

**Languages:** Golang, Java, Node.js, and Rust are my Swiss pocket knives. I use language best suited to the project's needs.

**Databases:** MySQL, MongoDB, PostgreSQL, Cassandra, ScyllaDB, and Redis.

- Built and Guide engineering teams, define architecture blueprints, establish coding standards, and review critical design decisions.
- Design scalable microservices, event-driven systems, observability stacks, and cloud-native deployments (AWS, Azure, EKS).
- Manage full SDLC delivery including technical roadmap, sprint planning, DevOps automation, and cost optimization.
- Act as internal consultant for high-priority technical escalations and performance tuning.

**Blockchain:** Bitcoin, Ethereum, Hyperledger, IPFS, and Cosmos

**Key Client Engagements (via AccionLabs)** (*Not job switches – all consulting projects under AccionLabs*)

#### **Head of Engineering – Bravvox (Client: Bravvox Startup)**

**Dec 2021– March 2023**

- Served as Head of Engineering for Bravvox, an alternative social media platform for secure and open expression.
- Designed and delivered the entire platform architecture: microservices API, feed system, media pipeline, user graph, and real-time notifications.
- Built engineering team, setup DevOps, CI/CD, infrastructure-as-code, and monitoring.
- Optimized platform to support scalable content distribution and secure onboarding.
- Reduced deployment cycle by **40%**, strengthened code quality practices, and shipped features on aggressive startup timelines.

#### **Platform Solutions Engineer (PSE) – Veracode (Client: Veracode)**

**May 2024 – Present**

- Part of Veracode Platform Engineering team — handling large-scale performance, reliability, and production stability for **Veracode Fix** and **Veracode Platform**.
- Triage enterprise-scale Jira tickets, perform deep-dive debugging, review backend logic, and analyse logs & DB traces to identify root causes.
- Improved platform resiliency under heavy load; optimized service workflows and backend API orchestration.
- Coordinated with analytics, compliance, product, and engineering teams to release new features and stabilize critical workloads.
- Played key role in supporting the release of Veracode Fix analytics modules, ensuring secure, compliant, and high-performance delivery.

## **Zebpay Service Pvt Ltd, Mumbai — Senior Blockchain Engineer**

JUNE 2018 - FEB 2019

Helped Zebpay to move to the AWS cloud and helped build the custom Zookeeper solution which in turn saved ~\$300K/year. Lead the team of blockchain engineers to build Backend 2.0 in Zebpay.

## **Accion Technologies Pvt ltd, Mumbai — Technology Lead**

JUNE 2014 - DEC 2017

Started my professional carrier after finishing college in this company. Worked in various roles and made my way to the technology lead before parting ways with another company. Worked for telecom, insurance and utility sector clients.

Rebuild Accion's in-house accelerator known as OODEBE. This accelerator is used in a variety of projects to help migrate data from legacy systems to new systems.

## **ACHIEVEMENTS**

- Completed MSc AI/ML with **Distinction** while working full-time.
- Led engineering for two major platforms (Bravvox & Veracode) at the same time through AccionLabs.
- Designed and deployed production systems handling high concurrency and enterprise workloads.
- Recognized as a go-to technical problem solver for critical production issues across clients.
- Built multiple side products and developer tools with 0→1 execution.

## **EDUCATION**

### **Liverpool John Moores University (LJMU), UK - Master of Science (AI & Machine Learning) — Distinction**

March 2024-November 2025

Thesis: Research in secure code generation using generative AI models

### **University of Mumbai, Mumbai — bachelor's in engineering — Distinction**

JUNE 2010 - JUNE 2014

Graduated in computer science with distinction.