

ZOHAIB KHAN

Senior Software Engineer · Lead Engineer (Project Roles) · Full-Stack & Frontend Architecture

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Senior Software Engineer with 7+ years of experience architecting and shipping scalable full-stack web applications used by millions of users worldwide. Track record spans founding products from zero to production, leading frontend and backend architecture for enterprise clients, and mentoring engineering teams. Recipient of EPAM's Impact Award 2025 for outstanding technical contribution and client delivery.

SKILLS / TECH STACK

Frontend

React, Next.js, TypeScript, JavaScript, Tailwind, Styled Components, Linaria, TanStack, Mantine, MUI, Zustand, Redux, Web Components, Stencil

CMS

Keystone, Sanity, Payload CMS

Backend

Node.js, Express, Fastify, GraphQL, REST APIs, Prisma ORM, Drizzle, Temporal

Infra & DevOps

Docker, Kubernetes, AWS, Cloudflare, Vercel, Git, GitHub, Bitbucket

Data & Search

PostgreSQL, MongoDB, SQL, Elasticsearch, Algolia

Testing & AI Tooling

Cypress, Vitest, Jest, Playwright, ChatGPT, Claude, Gemini, Ollama

WORK EXPERIENCE

Organization	Designation	Duration
EPAM	Senior Software Engineer (L3)	Sept 2024 – Present
Cimet (Vconnex Pvt Ltd)	Full Stack Developer	Aug 2022 – Aug 2024
Fullness Web Solutions	Senior Frontend Engineer	May 2020 – Aug 2022
Simply Syntax Technologies	Frontend Developer	Apr 2019 – May 2020

ROLES, RESPONSIBILITIES & ACHIEVEMENTS

EPAM — Senior Software Engineer (L3)

Sept 2024 – Present

Client: Verizon | Fastify, Temporal, TypeScript, React, TanStack, Linaria

- Recognized with EPAM's Impact Award 2025, presented by the CEO, for outstanding performance and contribution to client delivery and technology.
- Earned strong recommendations from the Chief Technical Officer and Lead Architect for technical leadership and delivery impact.
- Served as Senior Backend Developer on Identity & Access Management (IAM) services built with Fastify and Temporal, designing robust permission policies and delivering new APIs while resolving issues in existing ones.
- Reviewed critical pull requests, including a large-scale architecture refactor led by the Lead Architect, contributing directly to key architectural decisions.
- Stepped into a Lead Frontend Engineer role, architecting and building the entire frontend consumed by major enterprise clients.
- Built high-performance, scalable UI components using TypeScript, React, TanStack, and Linaria alongside internal component libraries.
- Mentored engineering colleagues on code quality and technical decision-making, maintaining a zero technical-debt standard across owned code.

Cimet (Vconnex Pvt Ltd) — Full Stack Developer

Aug 2022 – Aug 2024

Agent Console — Founding Engineer | React, Next.js, Auth.js, TypeScript, Ant Design, GraphQL

- Architected and built Agent Console end-to-end as the sole engineer, taking it from concept to production.

- Implemented Single Sign-On (SSO) with Salesforce and Microsoft using Auth.js and Next.js, unifying secure access across internal tools.
- Designed a two-layer authentication model — server-side JWT validation paired with React Context on the client — to strengthen session security.
- Built a reusable component library with Styled Components and Ant Design, cutting frontend development time for new features.
- Standardized data validation using React Hook Form and Yup, reducing invalid form submissions and edge-case bugs.
- Introduced automated quality gates (Husky, Lint-Staged, ESLint, Prettier) as pre-commit hooks, keeping the TypeScript codebase consistent as the team scaled.

Falcon & CS App — API Gateway | *Node.js, Express, GraphQL, Prisma, PostgreSQL, Elasticsearch, Twilio/Plivo*

- Built core modules of Falcon, a microservices-based API gateway handling authentication, authorization, and service discovery for all downstream apps.
- Designed and secured GraphQL resolvers with input sanitization and validation, hardening the API surface against malformed requests.
- Enforced data integrity by validating inputs against PostgreSQL via Prisma ORM, and built custom retrieval services on top of Elasticsearch.
- Integrated Twilio and Plivo to power transactional email, SMS, and OTP flows; managed complex client-side state with Zustand.

Epic — Content & Data Platform | *Keystone JS, React, TypeScript*

- Extended Keystone JS into a custom content and data management system used by admins to manage the main site and feed data to Agent Console, including custom fields, components, and schemas.

Fullness Web Solutions — Senior Frontend Engineer

May 2020 – Aug 2022

Swift Client — RateCity (Australian Fintech) | *React, Next.js, Styled Components, Tailwind CSS, Cypress*

- Built new product verticals for RateCity, a leading Australian fintech comparison platform.
- Partnered with designers to establish an atomic design system, improving UI consistency and cutting build time across teams.
- Improved Lighthouse performance scores and introduced automated test coverage with Cypress.
- Promoted to Senior Frontend Engineer within one year in recognition of technical ownership and delivery.
- Led a cross-functional team of 3 developers and 2 designers, owning client requirements and delivery end-to-end.

Swift Server & Content Ingestion | *Node.js, Express, GraphQL, Prisma, PostgreSQL, MongoDB, Elasticsearch, AWS Lambda*

- Extended the microservices API gateway with new GraphQL resolvers and REST endpoints for analytics, and designed new MongoDB schemas to support additional product verticals.
- Extended Elasticsearch aggregations to power new search and analytics capabilities.
- Extended the content system's frontend and backend to support new business verticals, and built serverless AWS Lambda pipelines to ingest data into Elasticsearch.

Simply Syntax Technologies — Frontend Developer

Apr 2019 – May 2020

Web Design & Development | *Figma, Adobe XD, HTML/CSS/Sass, JavaScript, Bootstrap*

- Started as UI/UX Designer; promoted to Frontend Developer within the role after demonstrating strong design-to-code execution.
- Designed and built responsive, high-conversion websites, working directly with clients to translate requirements into design.

Library Management System & Photography App | *PHP, React, Node.js, jQuery, Jimp*

- Built a library management system from scratch, including a barcode-scanning flow for fast book registration.
- Learned React and Node.js from scratch to deliver a photography portfolio app, including an image-processing backend with multi-size thumbnail generation.

EDUCATION

Bachelor of Engineering, Computer Science

Acharya Institute of Technology, Bangalore, India