

Muhammad Samiullah

Software Engineer - Frontend/Fullstack

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SUMMARY

Senior Software Engineer with 7 years of building production web applications in TypeScript, React, and Node.js. Currently own the shared component library and several enterprise microfrontend applications at Innoscripta. Strongest in frontend architecture, design systems, and complex data-heavy UIs, with hands-on backend experience in Node.js, PostgreSQL, and REST APIs.

PROFESSIONAL EXPERIENCE

Innoscripta AG (Germany)

July 2024 - Current

Senior Frontend Engineer

- Own the company-wide UI component library consumed by every microfrontend application — design tokens, theming, accessibility, and Storybook documentation — eliminating duplicated component code and accelerating feature delivery across teams.
- Built the frontend for a transfer pricing platform: multi-entity intercompany data models, validation-heavy forms, calculation results, and audit trails, replacing a spreadsheet-based process.
- Delivered an asset management application covering the full asset lifecycle (registration, assignment, depreciation, disposal) with role-based permissions and reporting views.
- Shipped a Jira-style task management application with boards, drag-and-drop, filtering, and real-time updates.
- Built a risk management module — risk register, scoring matrices, mitigation workflows, and dashboards used to track and report on active organizational risks.

Tkxel (Lahore, Pakistan)

April 2023 - June 2024

Senior Software Engineer

- Built a design system with design tokens that standardized UI across multiple products and raised component reuse to ~60%.
- Delivered a core module of an enterprise application, cutting a key user workflow's completion time by ~50% through a redesigned UI and improved data fetching.
- Introduced the team's first automated test suite (Jest, React Testing Library), reducing production defects by ~30% and enabling safer refactoring.

Emerald Labs (Lahore, Pakistan)

June 2022 - April 2023

Senior Software Engineer

- Led delivery of three client-facing web applications from architecture through launch.
- Refactored legacy code and introduced linting, typing, and review standards, reducing recurring bug reports by ~30%.
- Designed database schemas and Node.js/Express APIs with MongoDB, improving API response times under concurrent load.

LAAM (Lahore, Pakistan)

June 2019 - June 2022

Software Engineer

- Built internal analytics dashboards that replaced manual reporting and halved sales-analysis turnaround time.
- Worked directly with leadership on data and tooling for an e-commerce operation averaging PKR 2M+ in daily sales.
- Mentored junior engineers and helped establish frontend conventions as the team scaled

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS

Frontend: React, Next.js, Redux, Zustand, TanStack Query, Tailwind CSS, shadcn/ui, Chakra UI, Ant Design, Storybook, Module Federation

Backend: Node.js, Express, REST APIs, GraphQL, Drizzle ORM, Prisma

Databases: PostgreSQL, MySQL, MongoDB, DynamoDB, Firebase

Testing & Tooling: Jest, React Testing Library, Playwright, SonarQube, Git, Docker, CI/CD, AWS

EDUCATION

Bachelor of Computer Science (BSCS) | FCCU, A Chartered University

July 2015 - July 2019

LANGUAGES

English - fluent • Urdu - native