# Umair Farooq

**Senior Frontend Engineer | Full-Stack Developer**

Lahore, Pakistan (UTC+5) | Open to remote roles worldwide

+92-332-0689399 | umairfarooq44@gmail.com

LinkedIn: linkedin.com/in/umairfarooq44 | GitHub: github.com/umairfarooq44 | Portfolio: umairfarooq44.github.io

## Summary

Senior Frontend Engineer with 10 years of experience building data-heavy web applications in React, TypeScript, Next.js and Angular, plus full-stack work with Node.js. Most recently built dataset and session dashboards for a physical AI and robotics platform at Yaak (Berlin) and real-time fleet-safety tools at Motive. Experienced in frontend architecture, technical leadership and mentoring, and years of remote work with international teams.

## Skills

- **Frontend:** React, TypeScript, JavaScript, Next.js, Angular, Redux, RxJS, NgRx, React Native, Electron, HTML, CSS, styled-components, SWR, Mapbox, uPlot
- **Backend:** Node.js, Express, GraphQL (Apollo), REST APIs, MongoDB
- **UI and design systems:** reusable component libraries, accessibility, Reach UI, Material UI, Ant Design, Figma to React
- **Tooling and testing:** Git, Webpack, Jest, Enzyme, Playwright, Claude Code (AI-assisted development)
- **Practices:** frontend architecture, micro-frontends, real-time data visualization, technical design documents, code review, mentoring, Agile

## Experience

### Senior Software Engineer, Yaak

Oct 2024 - Present | Remote (Berlin, Germany)

Built the web interface for Nutron, Yaak's platform for managing datasets and training physical AI models for automotive and robotics.

- Built the dataset browser and search for automotive and robotics datasets, sessions and scenarios, covering 200+ expert and student drives and 3,830+ hours of recordings
- Built session dashboards syncing video feeds, uPlot telemetry charts and Mapbox GNSS maps side by side
- Built collection workflows to group scenarios, add training instructions and launch evaluation and training runs
- Integrated fleet-recorded sessions so they appear automatically in Nutron's datasets after upload
- Migrated all telemetry charts from LightningChart to uPlot as sole owner of the migration
- Wrote end-to-end tests with Playwright

Technologies: React, TypeScript, Mapbox, uPlot, Playwright, Claude Code

### Senior Frontend Engineer, Motive

Sep 2023 - Oct 2024 | Lahore, Pakistan (Remote)

- Built Angular and TypeScript dashboard modules for fleet safety, tracking and compliance, handling real-time telematics data
- Used RxJS and NgRx to manage state across data tables, live map updates and reporting tools
- Planned projects into milestones and wrote technical design documents for the team
- Built reusable, accessible UI components; reviewed code and mentored 2-3 mid-level and junior developers

Technologies: Angular, TypeScript, RxJS, NgRx

### Senior Frontend Engineer, Morressier

Feb 2022 - Mar 2023 | Remote (Berlin, Germany)

- Developed the new home page and researcher profiles in a Next.js micro-frontend (React, TypeScript, SWR)
- Built accessible, reusable UI components from scratch using semantic HTML and Reach UI
- Reviewed code and worked with product, design and backend teams to ship new features

Technologies: React, Next.js, TypeScript, styled-components, SWR, Reach UI

### Senior Software Engineer, Retailo Technologies

Aug 2021 - Jan 2022 | Lahore, Pakistan

- Led a frontend team on the React Native app; planned and built the Buy Now Pay Later feature
- Cut app loading time by about 5 seconds through code optimization

Technologies: React Native, Redux, styled-components

### Senior Software Engineer, VentureDive

Nov 2018 - Jul 2021 | Lahore, Pakistan

- **DNow (oil and gas):** Architected the React frontend from scratch and led a team of three as technical lead; built role-based permissions, reports, surveys and asset lifecycles
- **Pakistan Telehealth:** Helped build the Government of Pakistan's COVID-19 doctor-consultation platform from scratch (React, Node.js)
- **ePharma and Droobi:** Led the frontend team for a B2B e-commerce app; added features and refactored legacy code in a healthcare app

Technologies: React, Redux, Node.js, Webpack, Ant Design, Material UI, styled-components

### Earlier Experience

- **Software Engineer, Crewlogix Technologies** (Feb 2018 - Nov 2018): Built React, Electron and React Native apps, including the hubii crypto wallet desktop app
- **JavaScript Developer, BlueEast** (Nov 2016 - Jan 2018): Built the Mevris IoT app across web (React, GraphQL), Android (React Native) and desktop (Electron)

## Education

**BS Software Engineering**, Punjab University College of Information Technology (PUCIT), Lahore | 2012 - 2016