

Aryan Mehta

Software Engineer | React & TypeScript | Frontend-Focused

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SUMMARY

Frontend Software Engineer with commercial experience building and modernising complex web applications using React and TypeScript. Experienced in owning frontend architecture, building data-intensive interfaces, integrating REST APIs and developing reusable application patterns. Comfortable working independently across the frontend while collaborating closely with backend engineers on end-to-end product delivery.

TECHNICAL SKILLS

Language: TypeScript, JavaScript, SQL, Java

Frontend: React, Next.js, HTML, CSS, Tailwind CSS, TanStack Query, React Router

Backend & Data: Node.js, Express, PostgreSQL, REST APIs, Zod, JWT

Testing: Jest, Vitest, React Testing Library, Supertest

Tools & Practices: Git, GitHub, Postman, Figma, Accessibility/WCAG

EXPERIENCE

Frontend Developer | ToucanTech

Jun 2025 – Mar 2026

Symfony · Twig · Stimulus · TypeScript · JavaScript · Tailwind CSS

London, UK (Hybrid)

- Worked as one of two engineers modernising a legacy PHP platform, rebuilding core interfaces and establishing reusable frontend patterns.
- Audited 20+ platform pages using Lighthouse and manual UX reviews to identify performance issues and inconsistent interaction patterns.
- Built a reusable data-table component supporting 8,000+ paginated records with sorting and filter for data-heavy administration screens.
- Rebuilt a complex drag-and-drop query builder into a more maintainable state-driven implementation with clearer user feedback and invalid-action prevention.

React Developer | Northcott Global Solutions

Jan 2023 – Feb 2024

React · TypeScript · TanStack Query · React Router · Tailwind CSS · REST APIs · Google Maps API

London, UK (Hybrid)

- Built a data-intensive React/TypeScript application from the ground up to replace a legacy PHP platform, owning frontend architecture across 14+ application pages.
- Served as the sole frontend developer for the first six months, working with the backend technical lead to establish frontend structure, development patterns and application architecture.
- Standardised integration across 20+ REST endpoints using TanStack Query and reusable hooks, including consistent loading, error-handling and caching patterns.
- Designed reusable form components and shared workflow patterns to reduce duplicated logic and improve maintainability.
- Replaced a paid Scribble Maps dependency with a custom Google Maps implementation supporting live tracking, map drawing and geofencing, reducing reliance on third-party mapping software.

React Developer | Plume Studio

Jun 2022 – Dec 2022

React · TypeScript · CSS · GSAP

London, UK (Remote)

- Developed responsive learner-facing features for a React-based e-learning platform.
- Implemented animations and interactive gamification features using GSAP.
- Built reusable components and custom hooks to reduce duplication and improve consistency across the frontend.

SELECTED PROJECT

Issue Reporting System for Small Organisations | Full-Stack Project | [GitHub Repo](#)

Jan 2026 – Sep 2026

React · TypeScript · Node.js · Express · PostgreSQL · Zod · JWT · Vitest · Supertest

- Designed and built a full stack issue-management application covering reporting, assignment, priority review, status progression, resolution and historical tracking.
- Designed a PostgreSQL relational model using foreign keys, constraints, indexes and service-layer transactions to preserve workflow integrity.
- Implemented JWT authentication, role-based authorisation, server-side validation and parameterised SQL.
- Built 39 passing automated tests across frontend and backend, including real PostgreSQL integration tests; also completed structured accessibility and five-participant usability evaluation.

EDUCATION

BSc (Hons) Computing and IT (Software) | The Open University

Oct 2021 – Sep 2026

Part-time alongside work | Final classification due in December 2026

- TM354 Software Engineering – Distinction. Final-year project focused on full-stack software engineering, testing, accessibility and usability evaluation.