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Right to Work: UK (No sponsorship required)

## Principal/Senior Front-End Engineer

Principal-level Front-End Architect with 15+ years of experience delivering high-performance, scalable, and enterprise-grade web platforms across banking, fintech, e-commerce, and SaaS. Deep expertise in **React, TypeScript, Microfrontends (Webpack Module Federation), Design Systems, and real-time UI engineering.**

Proven track record of owning complex UI platforms, evolving frontend architecture, driving performance optimisation, and enabling multi-team frontend scalability. Comfortable operating in high-quality, regulated environments where reliability and correctness are critical.

## Core Strengths

### Frontend Architecture

- Large-scale React + TypeScript applications
- Microfrontends (Webpack 5 Module Federation)
- Modular architecture & frontend governance
- Routing, API contracts, state boundaries

### Performance & Scalability

- Render optimisation (memoisation, virtualization, profiling)
- Data-dense UI optimisation
- Streaming / real-time UI patterns (WebSockets)
- Caching strategies (React Query, server-side caching)

### Design Systems & UI Platforms

- Atomic Design-based Design Language Systems
- Storybook-driven component governance
- Accessibility-first development (WCAG)
- Multi-team component standardisation

## Engineering Quality

- Frontend testing strategy (Jest, RTL, Cypress, Playwright), CI/CD ownership (GitHub Actions)
- Code quality standards & architectural reviews
- Mentoring & cross-team enablement

## Technologies

- **Regularly Used:** React, TypeScript, Storybook, Design Systems, MicroFrontends, Node.js, NPM, Responsive UI Design, Cypress, Jest, React Testing Library, API Integration, Material-UI (MUI), HTML5, CSS3/SASS, Micro frontends, Styled Components, Tailwind CSS, Git, Agile (Scrum/Kanban), CI/CD, Unit Testing, Webpack.
- **Secondary/Occasional:** WebSockets, Progressive Web Apps (PWA), D3.js, Next.js, Flutter, Vercel, Zustand, AWS, GCP, PostgreSQL, ExpressJs, MongoDB.

## Selected Technical Highlights

- Designed microfrontend ecosystems enabling multi-team development without deployment coupling.
- Built real-time streaming dashboards with controlled rendering strategies.
- Delivered performance-first React applications handling high-frequency data updates.
- Established frontend governance standards for reusable UI libraries and architectural consistency.
- Integrated AI-driven workflows (LLM-assisted scoring, summarisation) into SaaS interfaces.

## Professional Experience

### Governr (<https://governr.ai/>)

*Fullstack software engineer,*

Oct 2025 – Present

- Architecting and developing a cloud-based SaaS application MVP using React, TypeScript, Tailwind CSS, shadcn/ui, and a custom Design System for consistent UI/UX across microfrontends.

- Understanding requirements, translating business needs into technical specifications, and designing modular, maintainable solutions.
- Designing APIs and backend architecture with Express, PostgreSQL, and Redis, including database schema and table structure for optimal performance and scalability.
- Implementing Webpack-based microfrontend architecture for modular, scalable frontend development.
- Utilizing TanStack (React Query / Table) for efficient state management, caching, and complex data handling.
- Writing unit and integration tests with Jest and end-to-end tests with Playwright to ensure application reliability.
- Collaborating on a modular, maintainable architecture to support rapid feature development and future expansion.

## 10x Banking

*Senior software engineer, Console UI*

Jul 2021 – Jun 2025

Built and owned performance-critical internal banking consoles used by operational and product teams to interact with core banking APIs in real time.

Bank Manager is a user-friendly front-end application built with React, serving as a central interface for 10x Banking's SuperCore platform. It enables internal teams and banking clients to manage tenant configurations, customer accounts, and access core banking APIs for testing and operational purposes, simplifying day-to-day management and improving efficiency. I was the primary front-end engineer for externally consumed features, collaborating with design, product, and backend teams to deliver scalable, high-quality UI solutions.

- Architected and implemented an Atomic Design-based Design Language System (DLS) in React with MUI, improving reusability, consistency, and development efficiency.
- Led the front-end testing strategy using unit tests and Cypress for end-to-end testing, ensuring reliability and regression coverage.
- Designed **data-dense React interfaces** optimized for speed, reliability, and correctness.
- Collaborated directly with **business stakeholders** to prioritize features under tight delivery timelines.
- Ensured UI stability and predictability in **high-risk financial workflows**.

- Led testing strategy to prevent regression in **business-critical flows**.
- Defined clean code and architecture through peer reviews, code refactoring, and adherence to modern front-end best practices.
- Managed CI/CD pipelines and oversaw stable, timely frontend releases.
- Participated in sprint planning, iterative delivery, and cross-team coordination to meet evolving product and client needs.

## Publicis Sapient

*Manger experience technology, Tech Lead, Developer*

Dec 2012 – Jul 2021

### **Client: Lloyds Bank (London)**

*Corporate Loan Application*

April 2021 - June 2021

- Provided maintenance and bug fixing.

### *Online COVID-19 Support Tool*

June 2020 – April 2021

- Led a cross-functional team of 6-9 members, including Front-End Engineers, QA, DevOps, and Backend Engineers, while actively contributing as a Front-End Engineer to deliver customer support tools.
- Engineered applications for Lloyds, Halifax, BOS, and MBNA banks, empowering customers with streamlined assistance during the pandemic.
- Led a value stream team (front-end, back-end, quality engineering, DevOps) for seamless delivery and exceptional functionality.
- **Technology:** TypeScript, React, Redux, Webpack, ES7, JavaScript, Splunk, Adobe Analytics, SASS, HTML5.
- **Responsibilities:**
  - Ensured high-quality, analytics-integrated SPAs with reusable codebase and accessibility standards.
  - Wrote unit tests using Jest.
  - Maintained high code quality through unit and integration tests, automation frameworks, and front-end best practices.
  - Supported Agile development (sprint planning, incremental feature releases, cross-team coordination).

### *Onboarding OKR Team*

Jan 2019 – June 2020

- Led a dynamic value stream team focused on Consumer Onboarding, driving innovative

features and seamless maintenance across diverse Customer and Colleague-facing journeys.

- **Technology:** React, Redux, Webpack, ES7, JavaScript, Splunk, Adobe Analytics, SASS, CSS3, JSP, HTML5.
- **Responsibilities:**
  - Developed new features, built reusable code and libraries, ensuring technical feasibility.
  - Managed deliveries and releases with the Product Owner.
  - Ensured code quality of applications.
  - Mentored team members.
  - Worked with Agile delivery teams (Scrum/Kanban) for incremental business value.
  - Supported production with MI (Adobe Analytics and Splunk).

### *Onboarding Team*

Aug 2016 – June 2019

- Key individual contributor within the consumer onboarding team, migrating around 5 digital journeys for a major bank's transformation.
- **Technology:** React, Redux, Webpack, ES7, JavaScript, Splunk, Adobe Analytics, SASS, CSS3, JSP, HTML5.
- **Responsibilities:**
  - Developed new features, built reusable code and libraries, ensuring technical feasibility.
  - Ensured code quality assurance.
  - Provided production support using MI tools (Adobe Analytics and Splunk).

### **Client: Richemont Group**

Aug 2015 - Aug 2016

- Led a 4-member front-end team delivering global e-commerce journeys in CQ5 (AEM), ensuring high-quality, scalable, and reusable UI components aligned with brand and performance standards.
- Upgraded client journeys on CQ5, including development of new journeys to drive engagement and functionality.
- **Technology:** JavaScript, CSS, HTML5, SCSS, Grunt, Gulp, Google Map.
- **Responsibilities:**
  - Created reusable UI modules using JavaScript and HTML.
  - Defined coding standards and conducted code reviews for teams of up to nine engineers.

### **Client: Fidelity International**

Feb 2014 - Aug 2015

- Spearheaded design and implementation of a robust boilerplate application.
- Orchestrated project delivery plan, estimations, schedules, seamless

development, integration, and successful production as a Front-End lead.

- **Technology:** Backbone/Marionette.js, JavaScript, CSS, HTML5, SCSS, Grunt, Gulp, RequireJS, Google Map.
- **Responsibilities:**
  - Initial estimations and preparation for RFPs.
  - Designed a scalable Backbone/Marionette.js front-end boilerplate.
  - Led the team through the full SDLC (estimation, development, delivery).
  - Integrated advanced JS tools (Grunt, RequireJS, Mocha) to ensure robust UI builds.

#### **Client: Lifestyle Fitness**

Jan 2013 - Feb 2014

- Orchestrated the transformation of an American fitness equipment company's digital presence by developing cutting-edge online journeys in CQ5.

**Technology:** Javascript, CSS, HTML5, SCSS, Grunt, Gulp, Google Map

#### **Roles & Responsibilities:**

- Developed responsive web journeys for fitness e-commerce.
- Led the 4 member front-end team, focusing on modular JavaScript development and multi-platform support.

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### **Kondra system**

*Tech Lead, Developer*

Aug 2010 – Nov 2012

Designed and managed new journey features while ensuring seamless maintenance of online portals, including project planning support and release.

### **Aequor Technologies**

*Tech Lead, Developer*

Aug 2008 – Jul 2010

Designed and managed new journey features while ensuring seamless maintenance of online portals, including project planning support and release.

## **Infopro India**

*Front-End Lead, Web designer*

Aug 2006 – Jul 2008

*Project: RiaEnjolie and various micro sites*

**Technology:** HTML, CSS, Javascript, XML, Flash, Photoshop, Illustrator, Actionscript

Delivered customized and innovative web solutions tailored to European clients, ensuring seamless integration and exceptional user experience across small business websites and applications.

### **Roles & Responsibilities:**

- Led a team of 20 and built the front-end framework for a Java CMS.
- Developed multiple small business websites with custom themes, Flash, and JavaScript.

### **Education & Associations**

- Master of Business Administration (Information Technology), India
- Bachelor of Computer Application, India