

# RAIDEN DILAN

## Fullstack Engineer

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### SUMMARY

Fullstack Engineer with 8+ years of experience building scalable React and Next.js applications, full-stack SaaS platforms, and micro-frontend architectures across B2B, B2C, and regulated industries. Strong background in frontend architecture, scalable application development, and product engineering, with end-to-end ownership across frontend, backend services, APIs, payments, and deployment workflows. Currently building and operating a production SaaS booking platform using, Next.js, TypeScript, Node.js, Prisma and MongoDD, with a focus on performance, usability, and iterative product development.

### SKILLS

**Frontend:** React, Next.js, TypeScript, JavaScript (ES6+), Redux, Responsive UI/UX, Framer Motion

**Backend:** Node.js, Express, REST APIs, Prisma, Stripe, Authentication Systems

**Databases:** PostgreSQL, MongoDB, Supabase, SQL

**Infrastructure:** SaaS Platforms, Multi-tenant Systems, Microservices, Micro-Frontends, AWS, CI/CD Pipelines, Vercel

**Testing:** Jest, RTL, TDD, Unit/Integration testing

**Tooling:** Git, GitHub Actions, Storybook, Agile (Scrum/Kanban)

**Analytics:** GTM, GA, GCP

### EXPERIENCE

08/24 – Present

Health & Wellness

London, UK

○ Fullstack Developer

\*[Founder]

#### SaaS Booking Platform (Self-Directed Product)

- Built and operated a production SaaS booking platform for service-based businesses using Next.js App Router, TypeScript, Prisma, and MongoDB.
- Developed end-to-end scheduling, availability, client management, authentication, and payment workflows.
- Integrated subscription billing and payment infrastructure using Stripe.
- Implemented AI-powered customer interaction flows using OpenAI APIs, including treatment quizzes and personalized recommendations.
- Developed modular admin dashboards and customer-facing booking systems with focus on usability, scalability, performance, and maintainability.
- Managed deployment infrastructure, CI/CD pipelines, and production operations using Vercel and modern DevOps workflows.
- Continuously iterated on product features and system reliability using real-world customer feedback and production usage insights.
- Supporting real-world booking and payment workflows for service-based businesses.

**Tech Stack:** Next.js, TypeScript, Prisma, MongoDB, Stripe, TailwindCSS, Shadcn UI, Better Auth, OpenAI API, Vercel, CI/CD, PWA

09/23 – 05/24

Wellness

London, UK

● Fullstack Developer

\*[Contract Role]

**RDT**

Sole fullstack engineer responsible for development, enhancement, and delivery of the RDT client platform across frontend and backend systems in an Agile environment.

### **Core Responsibilities & Delivery**

- Delivered fullstack features using React, TypeScript, Node.js, and Express, covering both frontend UI and backend functionality.
- Translated stakeholder requirements into technical solutions and iterative product improvements.
- Built and delivered production-ready features from implementation through testing and deployment.
- Contributed to overall product stability and continuous feature enhancement.

### **Backend & System Work**

- Developed backend services using Node.js and Express to support core application workflows and data handling.
- Built and extended REST APIs powering frontend features and external integrations.
- Ensured reliable communication between frontend and backend systems.

### **Engineering Quality & Developer Experience**

- Maintained automated testing using Jest and React Testing Library.
- Contributed to CI/CD pipelines supporting reliable deployments.
- Refactored parts of the codebase to improve maintainability and reduce technical debt.

### **UI & Frontend Engineering**

- Built production-grade UI components using React, TypeScript, Vite, Framer Motion, and Storybook.
- Developed reusable component patterns and improved UI consistency across the platform.
- Improved frontend performance and developer experience through tooling and build optimization.

**Tech Stack:** React, TypeScript, Node.js, Express, Vite, Framer Motion, Storybook, Jest, React Testing Library, CI/CD, DevOps, Git

01/22 – 06/23

Genomics

London, UK

● Frontend Engineer → Fullstack Engineer

\*[Permanent Role]

### Prenetics

Built and maintained enterprise-grade B2B and B2C platforms across healthcare and consumer diagnostics, operating within a micro-frontend architecture serving high-traffic UK and international users. Promoted from Frontend Engineer to Fullstack Engineer after strong performance reviews and expanded ownership across frontend and backend systems.

#### Core Contributions

- Developed and maintained multiple micro-frontend applications within a healthcare product ecosystem, including consumer-facing and enterprise-facing dashboards.
- Built a React-based QR code scanning flow enabling real-time validation and upload of COVID-19 test results.
- Delivered frontend features across a suite of healthcare products including DNA testing, pregnancy testing, food sensitivity, and cardiovascular health.
- Collaborated with product and engineering teams in Agile environments, contributing to sprint planning, estimation, and delivery cycles.

#### Fullstack & API Integrations

- Integrated frontend applications with Node.js/Express and REST/GraphQL APIs supporting product and booking workflows.
- Contributed to backend services handling product lifecycle and scheduling functionality across distributed systems.
- Supported end-to-end feature delivery across frontend and backend boundaries.

#### Engineering Quality & Platform Work

- Contributed to migration and maintenance of micro-frontend architecture, improving modularity and deployment independence.
- Upgraded core applications from React 16 to React 17, improving stability and maintainability.
- Introduced and expanded automated testing practices using Jest and React Testing Library.
- Improved build performance and developer workflows across multiple frontend applications.

#### Delivery & Operations

- Supported CI/CD pipelines and release processes within AWS-based deployment environments.
- Participated in production release cycles and supported issue resolution for customer-facing systems.

#### Mentoring

- Supported and guided 1 junior engineer and 2 mid-level engineers through code reviews and development practices.

**Tech Stack:** React, TypeScript, Redux, Gatsby, Next.js, GraphQL, Node.js, Express, MySQL, AWS, Docker, Kubernetes, CI/CD, Jest, RTL, Vite, Storybook, Git

01/21 – 12/21

Wellness

London, UK

● Fullstack Developer

\*[Contract Role]

RDT

- Sole engineer responsible for redesigning and rebuilding the RDT platform using React, TypeScript, and Node.js.
- Designed and implemented a modern frontend architecture using React, Storybook, Framer Motion, and Vite.
- Built backend infrastructure and API integrations using Node.js and Express to support future booking system expansion.
- Integrated multiple third-party services including Instagram, Facebook, and Treatwell APIs.
- Developed Progressive Web App (PWA) functionality and optimized frontend performance and user experience.
- Created UI/UX designs in Figma and translated them into production-ready implementations.
- Established testing and component documentation workflows using Jest, React Testing Library, and Storybook.

**Tech Stack:** React, TypeScript, Node.js, Express, Framer Motion, Storybook, Vite, PWA, Jest, CI/CD

09/19 – 08/20

Real Estate

California, USA

● Fullstack Developer

\*[Permanent Role]

Sima Collins

- Contributed to the development of a fullstack real estate platform including admin dashboards and customer-facing applications using the MERN stack.
- Collaborated within a small engineering team to deliver scalable frontend and backend functionality for property management workflows.
- Integrated MLS APIs to provide real-time property listing data across California markets.
- Built and maintained RESTful backend services using Node.js, Express, and MongoDB.
- Developed responsive React and TypeScript interfaces focused on usability and performance.
- Supported cloud infrastructure and deployment workflows using AWS and CI/CD practices.

**Tech Stack:** MongoDB, Express, React, Node.js, TypeScript, AWS, REST APIs, Jest, CI/CD

**08/18 – 07/19**

Wellness

London, UK

● **Fullstack Developer**

\*[Contract Role]

**RDT**

- Designed and developed a fullstack portfolio platform for a professional wellness client using the MEAN stack.
- Built responsive frontend interfaces with Angular and TypeScript focused on performance and usability.
- Developed backend services and application infrastructure using Node.js, Express, and MongoDB.
- Integrated Instagram and Facebook APIs to deliver dynamic social content and client testimonial functionality.
- Managed the full project lifecycle from technical planning and implementation through deployment and maintenance.
- Optimized frontend performance and responsive behavior across desktop and mobile devices.
- Supported cloud hosting and deployment workflows using AWS infrastructure.

**Tech Stack:** Angular, TypeScript, Node.js, Express, MongoDB, AWS, Instagram API, Facebook API

**01/17 – 04/17**

Training & Courses

London, UK

● **Web Development Immersive**

**General Assembly**

Completed an intensive three-month full-time Web Development program, focusing on practical application and taught by industry experts. Emphasized working practices like TDD, daily standup, pair programming, and code presentation for real-world application. Successfully built four projects, experiencing significant learning and improved problem-solving efficiency. Despite the intensity of studying 12-15 hours daily, the rewarding experience made it entirely worthwhile.

**EDUCATION**

GCSEs

**Holland Park School, London UK**

**2004 – 2009**