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Full-stack engineer building and owning production web, mobile, and backend systems (React, TypeScript, React Native, Vue.js, Node.js/AWS Lambda), with hands-on Ruby on Rails experience.

I specialize in taking products from zero to production — architecting real-time, data-driven systems (WebSockets, serverless APIs, MongoDB/PostgreSQL) end-to-end and shipping polished user experiences with minimal oversight.

Comfortable defining and delivering my own scope with minimal oversight, from SaaS dashboards and serverless data services to accessible (WCAG 2.2 AA) public-facing platforms.

Experience

FRONTEND DEVELOPER | TRUE COMPLIANCE | LONDON UK | REMOTE | SEPT 2024 - PRESENT

- Designed and built an end-to-end dashboard widget system, letting users turn any set of saved filters and fields into a live, configurable widget (count, ratio, line/pie chart, table, pivot table), with real-time updates via WebSockets and role-based UI/API permissions (Admin/Manager/Employee).
- Maintain and extend the platform's serverless Read API — a TypeScript service on AWS Lambda, SQS, and S3 with MongoDB (custom indexing, Atlas Search) — powering real-time query execution and asynchronous report generation from user-defined aggregation pipelines.
- Leading the design and build of an in-platform email scheduler: an admin UI for creating and managing scheduled emails, a configurable widget-based email builder, and a standalone email-rendering engine for live previews.
- Designed and built a no-code computed field-compare builder that lets non-technical users define cascading IF/THEN/ELSE logic, compiling to nested MongoDB \$cond/\$addFields expressions, with a guided tutorial and live validation.

FRONTEND DEVELOPER | FOCUSGOV | UNITED KINGDOM | REMOTE | AUG 2023 – SEPT 2024

- Developed SSR/static Vue.js and TypeScript web apps and NativeScript mobile apps, translating Figma designs into production-ready interfaces across a fast-paced agency environment spanning Vue, Astro, React, Expo, and Ruby on Rails.
- Enhanced accessibility, performance, and UI/UX for 12+ websites (incl. server-rendered Ruby on Rails apps) to meet WCAG 2.2 AA standards; built a custom CKEditor plugin for embedding TikTok video and contributed to CI/CD pipelines and code reviews.

JUNIOR FRONTEND DEVELOPER | LZA GROUP ROMANIA | REMOTE UK-BASED | MAY 2022-AUG 2023

- Developed responsive, accessible, high-performance UIs with React, JavaScript (ES6+), CSS, and Tailwind CSS, building reusable, modular components for scalable applications.
- Collaborated closely with designers to translate Figma UI/UX mockups into functional web interfaces.

Projects

- **InsightPilot, RuleForge, MindLoop, AccessLens** — four full-stack apps (Next.js/Nuxt/Expo/React) each with a multi-agent AI feature. Live demos, source and details: mayaifrim.com

Before software

PRODUCT DEVELOPMENT SPECIALIST(FOOD) ROLES | JACOBS DOUWE EGBERTS, SAPUTO AND DUPONT (LOCAL AND GLOBAL MARKETS) | UNITED KINGDOM / DENMARK 2016- 2021

- Project lead for Innovation & Adaptation across food industry projects, identifying global portfolio expansion opportunities and feasible technical solutions to meet market-specific legal and consumer requirements.
- Effectively led concept-to-launch projects with over €20mil. NOS for coffee brands (Jacobs, Moccona, Douwe Egberts, L'Or, Kenco, Gevalia) across EMEA, APAC, and Latin America.

Education

MSc in Food Technology, Aarhus University, Denmark | 2016

BEng in Biotechnologies, Polytechnic University of Bucharest, Romania | 2010

Continuous Education & Certifications

2021-2025 coursework in modern frontend/backend engineering and web accessibility (Scrimba, Coursera, freeCodeCamp, The Odin Project, WebAIM/WCAG, and others).

Core Skills

- **Frontend Development:**
 - ✓ HTML, JavaScript (ES6+), TypeScript, Vue.js 2/3, Vuex, Pinia, Astro.js, Next.js, React.js
 - ✓ CSS, SASS/SCSS, TailwindCSS, Vuetify, Styled-Components, AgGrid, Responsive Design, Figma
 - ✓ Web Accessibility (WCAG 2.2 AA)
 - ✓ **Mobile Development:** React Native, NativeScript, Expo, Cordova, Capacitor, Xcode, Android Studio
- **API Integration & Backend:**
 - ✓ RESTful API Integration, MongoDB (aggregation pipelines, query builder), Node.js, Ruby on Rails, SQL, MySQL
- **Development Tools, testing and optimization:**
 - ✓ Vite, Webpack, Babel, OrbStack, Docker, Git/GitHub, GitLab, Performance Optimization, Accessibility, CI/CD pipelines, Code Reviews
- **Project Management:**
 - ✓ Agile methodologies, cross-functional collaboration, stakeholder communication, product launch leadership