

David Marin

Software Engineer, Frontend

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SUMMARY

Product and software engineer with eight years building production frontends in TypeScript and React at YC-backed consumer and developer-tools startups. I take user interfaces from wireframe to production, and I am comfortable owning the REST and GraphQL contracts that sit behind them. Founder of an AI-augmented software studio and co-author of an open-source Rails admin framework still in active use. Best Paper Award recipient at IEEE SMC 2020. I work async by default through written PRs, RFCs and design reviews.

TECHNICAL SKILLS

Frontend	TypeScript, React, Next.js, Vue.js, Redux, TailwindCSS, CSS, HTML, Vite, Webpack, component-library design, accessibility
APIs and Data	REST, GraphQL, gRPC, Protocol Buffers, WebSockets, PostgreSQL, MongoDB, Redis, MySQL
Backend	Node.js, NestJS, Laravel, Ruby on Rails, Java, Spring Boot, Apex, exposure to Rust
Visualisation	D3.js, custom charting, real-time dashboards, map and geospatial UI, operational telemetry
Tooling	Docker, AWS, GCP, GitHub Actions, Linear, Jira, Notion, Confluence
Practices	RFC writing, code review, pair programming, mentoring, A/B testing, production monitoring

EXPERIENCE

Founder Jan 2026 to Present

Sixthly, Delaware, US (remote, stealth)

Building a Mac-native productivity client that rethinks calendars, notes, to-dos and inboxes for use with AI agents.

- Own the frontend architecture: TypeScript, modern React, a design-token system, and a reusable component library shared across surfaces.
- Design the client-server contract from scratch, including typed schemas, latency budgets and offline-tolerant data flow.
- Run product end to end as a solo founder: RFCs, user research with pilot testers, and weekly production releases.

Stack: TypeScript, React, Swift host, design tokens, component library

Founder, AI-Augmented Software Studio 2025 to Present

Basetool, Bucharest, Romania

Custom software studio for SMB founders and CTOs, delivering frontend-heavy product work with an AI-native engineering workflow.

- Lead engineer and architect on client engagements: React and Next.js frontends, REST and GraphQL backends, deployed and operated in production.
- Shipped an internal ERP platform on Railway (Laravel 11, Filament, PostgreSQL), including PHP runtime alignment, migration ordering, proxy-trust configuration and SSO authentication.
- Write the studio's public notes on personal websites in 2026 and on how AI-native engineering changes small teams.

Stack: TypeScript, React, Next.js, Laravel, PostgreSQL, Tailwind, Railway, AWS

Product Engineer

Apr 2023 to Dec 2025

The Social Cat, London (remote)

Led product and engineering with the CTO in a three-person team at a fast-growing influencer-marketing SaaS. Owned roadmap execution: research, build, launch, measure, iterate.

- Owned the React and Next.js frontend from wireframes and design reviews through production code. Scaled the platform from roughly 15K to 150K+ users in under two years.
- Built a reusable TypeScript component foundation and design-token system shared across the marketing site, the application and onboarding. Cut feature lead time and kept visual language consistent across surfaces.
- Built data-heavy creator-discovery UI over an ML pipeline of 1.5M+ Instagram and TikTok profiles (roughly 10K per day ingest), including custom charts, filters and ranking views. Managed bundle size and latency budgets to keep interactions snappy on slow connections.
- Designed GraphQL contracts with the backend and integrated TikTok and Meta APIs for creator verification and campaign management.
- Owned production observability through A/B testing, GA4 and Mixpanel funnels, and error tracking. Quarterly retention rose by about 15%. Organic sessions rose 32% through programmatic SEO and high-intent content targeting.

Stack: TypeScript, React, Next.js, NestJS, GraphQL, PostgreSQL, Tailwind, AWS

Software Engineer

Aug 2022 to May 2023

Oceaneering, global (remote)

OceanSMART, a container-shipping ERP used by global logistics teams to plan, track and optimise vessel and container operations across ports and terminals.

- Built React and GraphQL UI for port operators, including a data auto-fill connector that cut manual entry by 25 to 30% on critical workflows.
- Delivered map enrichment features (real-time vessel routes, layered geospatial data) that improved operational visibility for multi-port logistics teams.
- Refactored and upgraded a two-year-old frontend dependency stack (Node, build pipeline, UI libraries), which improved security and deployment reliability.
- Worked async across time zones via PRs, written specs and Jira, collaborating with domain experts to translate operational constraints into UI.

Stack: TypeScript, React, GraphQL, Node.js, MongoDB

JavaScript Trainer

Jan 2022 to Apr 2025

Software Development Academy, Bucharest

- Taught HTML, CSS, JavaScript and React to students entering tech at one of the largest accredited coding academies in CEE, with a practical, industry-focused approach.
- Improved teaching materials and exercises iteratively based on student feedback. Mentored more junior trainers.

Founding Software Engineer

Oct 2021 to Aug 2022

Waydev, San Francisco (remote), YC W21

Engineering-analytics platform for engineering leaders at enterprise clients.

- Owned core parts of the main Waydev app (Laravel, Vue.js). Built dashboards visualising engineering KPIs such as cycle time, PR throughput and code-review metrics, used daily by enterprise customers.
- Migrated the platform to Laravel Octane, which improved response time and uptime stability by about 35% under load.
- Built a notification microservice for in-app, email and Slack, Teams and Google Chat channels. Also contributed to a metrics-trendline system, technical interviewing, and onboarding documentation.

Stack: Vue.js, Laravel, Redis, MySQL, AWS

Co-Founder

Jul 2021 to Jan 2022

Basetool (v1), Bucharest

- Co-founded the original Basetool, a TypeScript, React and Next.js platform for bringing data under one roof from the tools a technical team already uses.
- Built the fields model, the filtering system, views and role-based permissions.

Stack: TypeScript, React, Next.js, Redux, Tailwind

Co-Founder and Engineer

May 2020 to Aug 2021

Avo HQ, remote, open source

Avo, a configuration-based admin framework for Ruby on Rails. Still actively maintained at avohq.io.

- Co-built the UI layer and configuration system: reusable view components, form fields, filtering and roles and permissions. Validated across pilot projects.
- Operated an open-source codebase publicly. Reviewed contributions, wrote technical docs and RFCs, and supported a community of external developers.
- Completed YC Startup School and the Romanian incubator Launch.ro with the team.

Stack: Ruby on Rails, Hotwire, Stimulus, TailwindCSS, PostgreSQL

Earlier Roles

Nov 2018 to Aug 2021

- **Amdocs**, Bucharest. Java and Spring microservices for Vodafone Romania's Digital Experience platform. Owned Swagger contracts and unit tests. Oct 2020 to Aug 2021.
- **National Union of Public Notaries of Romania**, Bucharest. Digitised state-institution workflows. Rewrote the public-facing site and shipped a security-heavy internal app for meetings and document handling. Oct 2020 to Feb 2021.
- **Deloitte Digital**, Bucharest. Shipped Cloud4M (Lightning Web Components and Apex). Cut repetitive input by about 30%. Earned Salesforce Certified Administrator and Platform Developer I in under six months. Dec 2019 to Sep 2020.
- **EcoKnights**, Kuala Lumpur. Built a volunteer platform for a Malaysian sustainability NGO. Nov 2018 to Feb 2019.

EDUCATION

BSc Technical Computer Science

Sep 2016 to Jul 2019

University of Twente, Enschede, Netherlands. Final grade 9 of 10.

Software systems, network systems, data and information, intelligent interaction design, algorithms, smart spaces. Active member of I.C.T.S.V. Inter-Actief. **Best Paper Award** for the BSc thesis at the 31st Biannual Twente Student Conference on IT, later published at IEEE SMC 2020.

Mathematics-Informatics, High School

Sep 2012 to Jul 2016

National College Mircea cel Batran, Constanta. Final grade 9.06 of 10.

Four years of certified German-language instruction culminating in the **Deutsches Sprachdiplom B2** from Goethe-Institut. Information and Technology Olympiad qualifier (Romanian Ministry of Education). ECDL Core Certificate.

LANGUAGES

Romanian, native. **English**, fluent (C2). **German**, professional (B2, Deutsches Sprachdiplom from Goethe-Institut).

Dutch, elementary (A2).

CERTIFICATIONS AND AWARDS

Certifications

- Salesforce Certified Administrator, 2020
- Salesforce Certified Platform Developer I, 2020
- Deutsches Sprachdiplom B2, Goethe-Institut
- ECDL Core Certificate

Awards and Honors

- Best Paper Award, 31st Twente Student Conference on IT, 2019
- IEEE SMC 2020 publication on neural language models for medical report writing
- Information and Technology Olympiad, Romanian Ministry of Education
- Ironman finisher, long-distance triathlon