

Maxim Ignatev

Senior Full-Stack Engineer | React · Node.js · Applied AI

Yerevan, Armenia / maximignatev.dev@gmail.com / +374 41 090 227
github.com/oogxdd / linkedin.com/in/maximignatev / t.me/maximignatev

SUMMARY

Senior full-stack engineer with 10 years building products end to end, often as the first engineer on early-stage teams and taking products from an empty repository to a working prototype or release. Deep in **JavaScript, TypeScript, React** and **Next.js, Node.js, Nest.js, PostgreSQL** and microservices on the backend; and **AI product engineering** across retrieval, agent orchestration, user-facing workflows and production infrastructure. I have led teams of up to 3 engineers, mentored juniors, and owned delivery in Agile teams. Several shorter engagements were **fixed-scope contracts or founder-led ventures**, shaped by a defined delivery scope or the venture's lifecycle.

SKILLS

Frontend	JavaScript · TypeScript · React · Next.js · React Native · Expo · Tauri · Redux · TanStack Query · Apollo GraphQL · TailwindCSS · shadcn/ui · Framer Motion · WebRTC · Electron
Backend	Node.js · Nest.js · Express · PostgreSQL · Prisma · TypeORM · GraphQL · Hasura · REST · Microservices · Python
AI	OpenAI · Anthropic · LangChain · Hugging Face · RAG · LangGraph · Pinecone · Qdrant
Cloud & DevOps	AWS (EC2, S3, RDS, Lambda) · Azure · GCP · Vercel · Fly.io · Supabase · Docker · Terraform · Sandboxes (Sprites.dev, Daytona, E2B) · CI/CD · Cloud architecture · Observability

WORK EXPERIENCE

Full-Stack Engineer, Casey Legal Aug 2025 - Apr 2026

Built AI-assisted contract authoring and document-analysis workflows for a multi-tenant legal AI platform.

- Built a contract-generation agent and TipTap editing interface with streamed documents, selection-based revisions, structured HTML operations and autosave.
- Engineered exact, trigram-based fuzzy and partial document search that resolves and highlights source passages even when LLM citations are paraphrased or slightly inaccurate.
- Designed and implemented a production-oriented prototype of a Python/PostgreSQL/Redis pre-queue scheduler with hierarchical fair-share allocation across tenants, users and workload classes, preventing large batches from monopolizing Inngest workers.
- Provisioned self-hosted Inngest with Terraform on Azure Container Apps, including KEDA autoscaling from 100 to 400 workers, private PostgreSQL/Redis infrastructure, replica-aware capacity tracking, CI/CD and observability.

Tech: React, Next.js, TypeScript, Node.js, GraphQL, MongoDB, Python, PostgreSQL, Redis, Terraform, Azure, Inngest | [casey.legal](#)

Full-Stack Engineer, Independent Contracts (Upwork) Oct 2024 - Feb 2025

Delivered short-scope contract work on existing React and Node.js codebases through Upwork.

- Implemented frontend features, third-party integrations and bug fixes across client projects.

Tech: React, Next.js, TypeScript, Node.js

Founding Frontend Engineer, Nisper

Mar 2024 - Oct 2024

Built the frontend from scratch for a collaborative user research platform: transcript editor, multi-tenancy, roles management and billing.

- Engineered a TipTap transcript editor with timestamp-preserving edits, speaker controls, media sync, autosave and offline support.
- Built the multi-tenant frontend covering workspace isolation, roles and billing.
- Owned frontend development as the first frontend engineer, taking the product from an empty repository through completion of the agreed frontend scope.

Tech: React, Next.js, TipTap, ProseMirror, TailwindCSS, TanStack Query | app.nisper.ru/auth/sign-up

Senior Full-Stack Engineer, Mori

Apr 2023 - Oct 2023

Senior engineer on a genealogy platform, working on the media gallery, an AI video-story generator and platform-wide improvements.

- Built the media gallery with photo restoration, document OCR, audio transcription and translation workflows.
- Developed "MemoryClips", turning GEDCOM files into video stories with Claude, Azure Text to Speech and Remotion.
- Implemented serverless video rendering with Remotion on AWS Lambda and S3.

Tech: React, Node.js, Prisma, OpenAI, Replicate, Azure | mori.co

Full-Stack AI Engineer (Founder), Machcast

Sep 2022 - Jan 2023

Co-founded an AI product that extracted short-form clips from long videos and distributed them across social platforms.

- Built a media pipeline for transforming long videos into short-form clips.
- Developed a working prototype with video segmentation and an in-browser editing interface.
- Implemented a backend video-processing service using FFmpeg and AI-assisted title generation.

Tech: React, Node.js, OpenAI, Pinecone, FFmpeg

Frontend Engineer, Trialproofer

May 2022 - Sep 2022

Developed a specialized text editor for a legal case organisation and management product.

- Built TipTap-based workflows for capturing and organizing case facts.
- Implemented note management, drag-and-drop reordering and domain-specific handling for legal entities.

Tech: React, TipTap, ProseMirror, react-beautiful-dnd, styled-components | trialproofer.ie

Automation Engineer, DM6Labs

Mar 2022 - May 2022

Built the end-to-end no-code automation for a Covid-19 testing telemedicine service.

- Designed and implemented the full order-to-result automation workflow.
- Integrated Shopify, Zoho CRM, Zoho Bookings and Mailgun through Zapier, covering order capture, scheduling, test-tube QR codes and PCR result delivery.

Tech: Shopify, Zoho CRM, Zoho Bookings, Zapier, Mailgun | www.dm6health.com

Full-Stack Engineer (Founder), Calmpaper

Jun 2020 - Jan 2021

Co-founded and built a chapter-by-chapter publishing platform for writers, released briefly before the team pivoted the product.

EARLIER EXPERIENCE

Mobile Engineer, MyFit

Mar 2020 - Aug 2020

Developed a mobile app and PWA of resistance-band fitness tutorials.

Frontend Engineer, Hostaway

Oct 2016 - Apr 2017

Client engagement through Web-pal focused on React dashboard and React Native mobile development.

- Developed various dashboard features using React and Redux.
- Initiated and drove development of the mobile application using React Native.
- Mentored junior developers on the team.

Tech: React, Redux, React Native

Junior React Native Engineer, Hypefactors

Jun 2016 - Sep 2016

Client engagement through Web-pal building and shipping a React Native mobile application.

- Implemented a React Native interface from design specifications.
- Integrated backend APIs into a fully functional product.
- Published the mobile application to the App Store and Google Play.

Tech: React Native

Junior Frontend Engineer, Zenkraft

Apr 2016 - Jun 2016

Client engagement through Web-pal implementing responsive React and Redux frontend features.

- Developed frontend features using React and Redux.
- Implemented responsive designs using SCSS.
- Worked closely with backend developers to integrate new features.

Tech: React, Redux, SCSS

Full-Stack Engineer, Web-pal

Mar 2016 - Jun 2018

Software agency role spanning outsourced client work and internal products, alongside mentoring and team culture.

- Progressed from junior to middle-level engineer, then took on leadership duties and mentored a junior developer.
- Delivered client engagements and 2 internal products (DBGlass, Chronos), all in Agile teams with peer code review.
- Shipped React Native applications to the App Store and Google Play.

Tech: React, Redux, React Native, Electron, PostgreSQL, SCSS | github.com/web-pal

STARTUP EXPERIENCE

Selected self-directed products built between 2021 and 2024 - a RAG chatbot, AI browser extensions and a parametric design-system prototype: youbrain (Summer 2024), watchlater.xyz (Summer 2023), tldr.app (Summer 2021), styleguide.ist (Aug 2021 - Feb 2022), type-j (Summer 2021).

EDUCATION

Computer Science, Moscow Aviation Institute (National Research University)

2015 - 2016

Left to work full-time as a developer.