Alexander Gekov

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SUMMARY

Technical founder and product-focused software engineer with strong frontend lean and full-stack ownership. Experienced in building and shipping production SaaS products end-to-end, designing UX, making architectural tradeoffs, and iterating directly with customers.

EDUCATION

Fontys University of Applied Sciences　　　　　　　　　　　Eindhoven, Netherlands
Bachelor of Science, ICT & Software Engineering　　　　　　　　*Aug. 2019 – Jul. 2023*

Prague University of Economics and Business　　　　　　　Prague, Czech Republic
Business Administration & Entrepreneurial Studies　　　　　　　*Aug. 2022 – Jan. 2023*

EXPERIENCE

Co-Founder & CTO　　　　　　　　　　　　　　　　　　Nov. 2023 – Present
TalentSight Inc.　　　　　　　　　　　　　　　　　　　　*Sofia, Bulgaria*

- Co-founded and built an automation and sourcing platform for recruiters, used in production by 15 B2B companies generating $6k MRR.
- Owned the product end-to-end, including frontend, backend, infrastructure, UX design, and technical decision-making.
- Built the core web platform using Vue and Nuxt with Tailwind CSS and shadcn, designing all UX flows from scratch.
- Implemented complex frontend features including searchable project and folder views (filters, sorting, pagination, highlighting), CRUD-heavy form flows with validation, analytics dashboards, and usage charts.
- Designed and built a drag-and-drop campaign workflow UI (n8n-style) for orchestrating multi-step outreach automations.
- Built a Chrome extension using React and Plasmo to support sourcing and outreach workflows directly from third-party websites.
- Developed backend services using Nest.js and Supabase (Postgres, storage, edge functions), including schema design and system architecture.
- Integrated full-text search using Typesense and implemented a Python-based scraping service for candidate data ingestion.
- Used Trigger.dev for long-running and scheduled workflows, including sending messages, invites, and InMail with idempotency, security safeguards, and telemetry.
- Integrated AI features using the Vercel AI SDK and OpenAI, including streaming AI-powered UI components with usage and cost telemetry via Helicone.
- Worked directly with customers to identify problems, prioritize features, ship MVPs quickly, and iterate based on real usage and feedback.
- Made continuous tradeoffs around speed vs. tech debt, deployment strategies, and internal guidelines for responsible AI-assisted development.

Frontend Developer　　　　　　　　　　　　　　　　　Sep. 2023 – Nov. 2023
OfficeRnD　　　　　　　　　　　　　　　　　　　　　　*Sofia, Bulgaria*

- Worked on large-scale React applications for managing flexible coworking spaces, desk and room bookings, and hybrid work workflows.
- Built frontend screens and components using React, RTK Query, and Storybook within an established design system.
- Shipped production features as part of the Hybrid team, collaborating closely with backend engineers and product stakeholders.

Software Engineer　　　　　　　　　　　　　　　　　　Nov. 2020 – Jul. 2023
Axion BioSystems (formerly Cytosmart)　　　　　　　　　　*Eindhoven, Netherlands*

- Built data-intensive frontend applications in Vue for analyzing microscopic cell experiments used by scientists in laboratory environments.

- Owned the interactive map and chart UI representing well plates, supporting zooming, panning, selection, and overlays for experimental data.
- Worked with large image datasets, optimizing loading and rendering by using thumbnails and full-resolution images to maintain responsive UX.
- Developed visualization pipelines for experiments with up to 96 wells and ~40 images per well, including timelapse navigation.
- Implemented fluorescent experiment visualization using WebGL and custom fragment shaders to layer brightfield images with green and red dye channels.
- Optimized performance to ensure smooth interaction, stable frame rates, and fast load times as scientists navigated between images and charts.
- Collaborated closely with lab scientists, designers, product owners, and firmware engineers to translate scientific workflows into usable product features.

Selected Projects

a12v-stack
- Production-oriented Nuxt 3 SaaS starter showcasing real-world patterns including authentication, data fetching, validation, AI integrations, and application architecture.

upstash-search-ui-vue
- Vue UI library providing accessible, composable search components built on Upstash Search for fast, scalable AI-powered search experiences with keyboard navigation, debounced queries, highlighting, and customizable styles.

Infinite Alchemy
- Interactive browser game leveraging generative AI to create open-ended element combinations, featuring prompt-driven generation, real-time rendering, and state management for emergent gameplay.

Technical Skills

Languages: JavaScript, TypeScript
Frontend: React, Next.js, Vue, Nuxt.js, Tailwind CSS
Backend & Infra: Node.js, Nest.js, Postgres, Supabase, Trigger.dev, Redis
Cloud: AWS, Vercel, Docker, CI/CD
AI & Search: OpenAI, AI SDK, Vector Databases
Tools: Git/GitHub, Storybook, Cypress, Vite