Alexander Gekov

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SUMMARY

Technical founder and product-focused software engineer with **5+ years of experience**, strong frontend expertise, and full-stack ownership. Experienced in building and shipping production SaaS products end-to-end, designing UX, architecting high-throughput systems, and iterating directly with customers.

TECHNICAL SKILLS

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

EXPERIENCE

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

- Co-founded and shipped a full-stack recruiting automation platform by architecting a scalable Postgres database with 500K+ candidate records, implementing Redis caching layer, and deploying to production with 99.9% uptime, serving 20 B2B customers generating $120k ARR.
- Developed a drag-and-drop workflow builder and automation engine by implementing Trigger.dev job queues processing 10K+ scheduled tasks monthly with idempotency and retry logic, integrating Typesense for sub-100ms full-text vector search, and building a Python scraping service ingesting 5K+ profiles daily at 99.5% success rate.
- Built AI-powered features using OpenAI API by implementing streaming responses with the Vercel AI SDK, processing requests through Helicone telemetry, and creating a Chrome extension with 100+ active daily users automating outreach workflows across LinkedIn and other platforms.

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

- Led migration from Redux to RTK Query by refactoring 20+ API endpoints with normalized caching and automatic request deduplication, reducing redundant network calls by 60% and improving load times for 500K+ users worldwide.
- Developed pixel-perfect UI components matching Figma designs by building responsive React components with TypeScript, Storybook documentation, and the existing design system

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

- Built data-intensive scientific visualization applications in Vue by developing custom interactive well plate maps with zooming, panning, and selection for 96-well experiments containing 3,840+ images, reducing image load times 2x through lazy loading and thumbnail caching to maintain responsive UX for laboratory scientists.
- Implemented fluorescent experiment visualization using WebGL and custom fragment shaders by layering brightfield images with red and green fluorescent dye channels in real-time, achieving 60fps rendering performance while navigating timelapse sequences across multi-GB experimental datasets.
- Developed custom chart and graph visualization components by building interactive data overlays for experimental analysis with smooth zoom/pan interactions, collaborating with lab scientists and product owners over 2.5 years to translate complex scientific workflows into intuitive UI features.

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*