

# 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

*Sofia, Bulgaria*

*TalentSight Inc.*

- 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

*Sofia, Bulgaria*

*OfficeRnD*

- 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

*Eindhoven, Netherlands*

*Axion BioSystems (formerly Cytosmart)*

- 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

*Bachelor of Science, ICT & Software Engineering*

Eindhoven, Netherlands

*Aug. 2019 – Jul. 2023*

### Prague University of Economics and Business

*Business Administration & Entrepreneurial Studies*

Prague, Czech Republic

*Aug. 2022 – Jan. 2023*