

SAJJAD ALGBURI

Full-Stack Engineer

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Toronto, Ontario

WORK EXPERIENCE

Full-Stack Engineer | *Magic Hour AI* Nov 2025 – Present

- Built React and Next.js creation workflows, including a v2 redesign; video-attempt rates among tracked accounts were **27.9% higher** in the third month after launch than at baseline.
- Developed TypeScript APIs and authenticated server actions for media workflows and billing, connecting API cost estimates to signup, Stripe checkout, and subscription management.
- Integrated generative image and video models into web and public API workflows, enabling multi-image creation and carrying selected outputs and prompts into video generation.
- Restored saved inputs and settings across failed or canceled image, video, and audio projects, enabling retries and eligible older-project reuse while preserving expired-media safeguards.

Prototyping Intern | *Magic Hour AI* Jun 2025 – Nov 2025

- Prototyped AI image/video workflows with Python, ComfyUI, and GPU-backed Jupyter/Colab; partnered with the CEO to compare Wan 2.2, Qwen Image Edit, and InfiniteTalk for speed, quality, and product fit.
- Built a stock-footage and text-to-speech video-generator prototype, refining clip-selection prompts, provider fallbacks, and video post-processing.
- Packaged AI experiments as runnable Colab notebooks and Python CLI tools; automated Python and n8n workflows and exported ComfyUI generations to Google Sheets for review.

Freelance Frontend / Full-Stack Developer | *Upwork* Dec 2023 – Aug 2024

- Delivered **4 client web projects** with responsive React, Next.js, TypeScript, and TailwindCSS interfaces and backend integrations, completing accepted paid milestones.
- Saved **\$15K+** in design and operations costs for **Juice.gg** by building an internal AI platform for prompt-based website case creation.
- Reduced admin content update time by **70%** with role-based access, CRUD workflows, and structured generation history.

PROJECTS

WebGen | *Next.js, React, TypeScript, Tailwind CSS, Convex*

- Developed the interface for an AI business-website builder, adding responsive landing pages, loading/error states, and validated local-business structured data.

Outreach AI | *Next.js, TypeScript, Supabase, OpenAI, Stripe*

- Built an AI outreach SaaS that turns resume and job-description context into personalized messages, with Supabase authentication, Stripe credits, and server-side validation.

Interview Pal | *Next.js, TypeScript, Firebase, Vapi, Gemini*

- Built a real-time AI mock interview app that pairs Vapi voice practice with Gemini feedback and saves interview sessions using Firebase authentication and storage.

Jobshot Manager | *Next.js, TypeScript, Supabase*

- Built a contractor job tracking app for uploading job photos, reviewing drafts, and organizing projects, with Supabase storage and row-level access policies.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python

Frontend: React, Next.js, TailwindCSS

Backend & Data: Node.js, FastAPI, Express, Prisma, SQL, MongoDB, Supabase, Firebase

APIs & AI: REST APIs, GraphQL, WebSockets, oRPC, AI/LLM Integrations

Testing, Cloud & Tools: Vitest, Jest, Docker, GCP, Git

EDUCATION

University of Toronto

Nov 2023 – May 2024

Full Stack Engineer Certificate – UofT SCS Coding Boot Camp