

# Austin Graham

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Full-stack developer with experience building secure, performant web applications using React, Node.js, and Python.

## Skills

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**Languages:** JavaScript, TypeScript, Python, HTML, CSS, SQL

**Frontend:** React, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express, FastAPI

**Databases:** PostgreSQL, MySQL, Redis

**Infrastructure:** AWS (EC2, S3, DynamoDB), Git

## Experience

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**Technician,** Instacart (Caper AI) – Burlington, ON

June 2025 – Present

- Deploy and validate applications on embedded smart cart systems using CLI tools, debugging workflows, and automated scripts across 100+ serialized devices
- Configure and test software, firmware, and network setup for production deployment
- Diagnose hardware-software integration issues through systematic debugging and root cause analysis

## Projects

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### Stellar Blade Guide

[stellarbladeguide.com](https://stellarbladeguide.com) | [github.com/kyoriku/stellar-blade-guide](https://github.com/kyoriku/stellar-blade-guide)

*TypeScript, React, Tailwind CSS, TanStack Query, Python, FastAPI, PostgreSQL, Redis, OAuth2, Cloudinary, OpenAI*

- Built full-stack game guide managing 800+ collectibles with a relational PostgreSQL schema using junction tables for flexible querying by level, location, and type
- Implemented JWT authentication with refresh token rotation, Argon2 password hashing, OAuth2 (Google, Discord), role-based access control, and AI-powered comment moderation
- Achieved sub-100ms API response times through multi-tier caching with Redis server-side and TanStack Query client-side
- Delivered 1000+ images via Cloudinary CDN with a JSON-based content pipeline using stable IDs to prevent duplicates and support version-controlled updates

### StackNova

[stacknova.ca](https://stacknova.ca) | [github.com/kyoriku/stack-nova](https://github.com/kyoriku/stack-nova)

*JavaScript, React, Tailwind CSS, TanStack Query, Node.js, Express, MySQL, Redis, OAuth2*

- Built a full-stack developer Q&A platform with a REST API backend, Markdown support, syntax highlighting, full-text search, and user profiles with activity tracking
- Implemented multi-tier caching with Redis and TanStack Query, reducing query times by 70%; load tested at 50 concurrent users with k6
- Secured the application with HTTP-only cookie auth, Google OAuth2, bcrypt password hashing, input sanitization, and XSS prevention
- Added SEO with semantic HTML, meta tags, JSON-LD structured data, XML sitemaps, and robots.txt

### Invoice Automation

[github.com/kyoriku/invoice-automation](https://github.com/kyoriku/invoice-automation)

*Python, Gmail API, Google Sheets API, OAuth2*

- Built a Python CLI that automates bi-weekly invoice generation by parsing Gmail schedules via IMAP, calculating hours and HST, and delivering invoices via SMTP – reducing manual invoicing time by 80%
- Integrated Google Sheets and Drive APIs with OAuth2 to populate invoice templates and export PDF/Excel attachments with duplicate shift detection and interactive review before sending

## Education

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**University of Toronto** – Certification, Full Stack Web Development

March 2024