Alexander Brodsky

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WORK EXPERIENCE

Marucci Sports Full-Stack Web Developer Aug 2025 - Present
- Lead full-stack development of warranty and manufacturing systems, supporting 3K+ monthly warranty users and contributing to e-commerce serving 30K+ annual shoppers
- Build Angular/NestJS applications with TypeScript, PostgreSQL, SQL Server, and AWS, using AI-assisted workflows and completing development tickets at 4x the team average
- Revamped shipping and packaging logic with quantity caps and item grouping, generating ~$75K in additional monthly shipping revenue
- Hardened e-commerce and admin platform security across API access controls, authentication, secure account links, and SQL handling
- Improved performance, reliability, and availability of a highly concurrent production-line system, plus warranty UI/UX and cross-system export/sync consistency

LA Office of Technology Services Software Developer Intern Jan 2024 - May 2025
- Developed full-stack MVC web applications and REST APIs in C#, JavaScript, and .NET alongside a full course load
- Built GitHub Actions CI/CD with TypeScript/Cypress E2E tests, raising coverage from 0% to ~85%

Deloitte Consulting Solutions Engineer Intern Jun 2024 - Jul 2024
- Optimized SQL queries in a Java/Spring Boot IVR REST API, improving data retrieval efficiency by ~200%
- Built a Python/Streamlit generative AI prototype that turned meeting summaries into RFP PDFs and PowerPoints, reducing preparation from over an hour to under two minutes

We Greaux People Software Developer Intern Sep 2023 - Nov 2023
- Contributed to a Flutter frontend and wrote Dart unit, integration, and widget tests, increasing coverage from ~25% to ~75%

McIlhenny Company / Tabasco Software Analyst Intern May 2023 - Jul 2023
- Automated concurrent request reports with KSH scripts and SQL on AIX UNIX, saving 30-50 hours monthly

EDUCATION

Georgia Institute of Technology Expected May 2028
M.S. Computer Science, AI specialization GPA: 4.0

Louisiana State University May 2025
B.S. Computer Science, Mathematics minor GPA: 3.6

PROJECTS

CloudGateway Multi-region VPN service gocloudlaunch.com/#/About
- Built a multi-region WireGuard mesh VPN with IPv4/IPv6 tunnels, a React dashboard, native Swift iOS/macOS clients, and a CLI for macOS and Linux
- Implemented account-scoped ACLs for cross-region client isolation, ad blocking, and DNS-over-TLS forwarding, backed by FastAPI, Firebase authentication, and Terraform-managed OCI infrastructure

StreamTrack Movie and TV discovery app App Store
- Shipped a React Native/TypeScript app with discovery, watchlists, and Firebase authentication. Deployed a C#/.NET API and PostgreSQL on AWS EC2 with Docker and a Caddy reverse proxy, plus AWS Lambda for streaming availability

AI and Developer Tools
- Published t3-thread with agent skills for conversation retrieval and t3-profile for separate account authentication and shared configuration
- Built br0wser for persistent Chrome sessions and CodeLaunch for automated remote development setup

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C#, Java, Swift, SQL, HTML/CSS, Shell
Frameworks: React, React Native, Angular, Node.js, NestJS, .NET, Spring Boot, FastAPI, Tailwind CSS
Cloud & Data: AWS, Oracle Cloud, Google Cloud, Firebase, PostgreSQL, SQL Server
DevOps & Testing: Git, Docker, Linux, Terraform, GitHub Actions, CI/CD, Cypress, Playwright
AI Tooling: Claude Code, Codex, MCP, custom agent skills