

REUVEN OSTROFSKY

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Authorized to work in the U.S. under TN status • No sponsorship required

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SUMMARY

Full-stack software engineer with 3+ years shipping production web, mobile, and real-time systems — two of them live on the App Store. Architect of cloud-integrated platforms on Firebase, AWS, and Terraform, and builder of AI-driven developer tooling that automates code auditing and issue triage. Known for owning projects end-to-end, from data model to signed release binary, and for picking up unfamiliar stacks fast enough to ship in them.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, C++

Frameworks & Tools: Angular, React, React Native, Next.js, Node.js, Express, HTML, CSS, Tailwind CSS, Cordova/Ionic, Firebase, AWS, SQL, NoSQL, Docker, Terraform, Git & More

Web Architecture: RESTful APIs, WebSockets, Real-Time Systems, Cloud-Integrated Architecture, Scalable Frontend Design

AI & Automation: LLM API integration, AI code-review agents, automated issue triage, agentic workflows, prompt engineering

Developer Workflow: Git, GitHub Actions / CI-CD automation, Docker, AI-assisted development, debugging

Spoken Languages: English, French

PROFESSIONAL EXPERIENCE

Full-Stack Developer | [MuxLab](#) | October 2024 – Present

- Ship features for MuxControl, a real-time AV control platform driving video walls and multi-room installations deployed in commercial AV environments
- Built MuxLite, a simplified control interface improving usability for non-technical operators
- Architected cloud-integrated system using Firebase for real-time synchronization across distributed devices
- Implemented a WebSocket and Firestore communication layer holding sub-second state propagation across concurrent devices per installation
- Provisioned and managed cloud infrastructure with Terraform to support scalable, repeatable deployments

Founder & Mobile Developer | [Full House \(Independent Product\)](#) | 2024 – Present

- Designed, built, and shipped a live iOS product for poker session tracking, owning product scope, data modelling, release engineering, and App Store submission end-to-end
- Engineered buy-in / cash-out ledger logic and player performance analytics with live profit-loss calculation across concurrent sessions
- Operate the app in production, handling releases, user-reported issues, and iterative feature work against real usage

Frontend Developer (Contract) | [Bookcase App](#) | 2025

- Built the frontend in React Native for a healthcare scheduling app that streamlines hospital appointment and booking management
- Designed and implemented an intuitive drag-and-drop interface for managing patient appointments and room allocation
- Focused on UI/UX to simplify complex scheduling workflows for non-technical hospital staff
- Shipped to the App Store as a production mobile application now used by hospital staff for live appointment and room scheduling

Full-Stack Developer | [Legacy Digital Studios](#) | May 2024 – August 2024

- Built core frontend architecture for an online casino platform using Next.js and React
- Integrated Firebase for real-time updates, live game state, and user interaction tracking
- Designed scalable, reusable UI components for complex state-driven user flows
- Contributed across the full stack to ship production-ready features on tight deadlines

Full-Stack Developer Intern | [Localyser](#) | May 2022 – Aug 2022, Dec 2022 – Mar 2023

- Developed and enhanced features for an online reputation management platform serving multi-location businesses
- Built full-stack functionality using Node.js, React, and SQL, improving data flow and user experience
- Optimized application performance and page load times across key platform modules
- Collaborated remotely in an agile environment with cross-functional product and engineering teams

ADDITIONAL EXPERIENCE

Event Business Owner & DJ | 2019 – Present

- Built and manage a personal brand including website development, client acquisition, and live event production
- Produce electronic music with a focus on sound design, mixing, and mastering

EDUCATION

Bachelor's in Software Engineering

Concordia University, Montreal, QC • 2021 – 2024

DEC in Pure and Applied Sciences

Vanier College, St-Laurent, QC • 2021

SPOTLIGHT PROJECTS

AI Code-Audit Agent – Git Integration • [GitHub](#)

- Built an AI agent that hooks into the Git workflow to automatically audit incoming changes and open triaged issues without human intervention
- Integrated LLM analysis with repository APIs to classify findings by severity and file them as actionable, deduplicated tickets
- Eliminated manual review passes on routine defects, shortening the loop between commit and logged issue

Compass – Wellness App • [GitHub](#)

- Developed a wellness tracking app using Next.js and Node.js with health journaling features
- Implemented secure authentication and user data management

Big Data Analytics – Wildfire Prediction • [GitHub](#)

- Built machine learning models to predict wildfire causes using large-scale environmental datasets
- Focused on data preprocessing, feature engineering, and model training pipelines

Neural Network for EEG Data Analysis • [Jupyter Notebook](#)

- Built a neural network model to classify EEG brain data, outperforming an existing baseline model
- Beat the published baseline on classification accuracy — graded 93%, among the top results in the cohort

Claude Status Light – macOS Menu-Bar App • [GitHub](#)

- Built a native macOS menu-bar app in Swift/SwiftUI giving developers real-time ambient status for AI coding agent sessions
- Designed an event-driven Go backend broadcasting state over Server-Sent Events (SSE), decoupling the UI and push-notification service
- Delivered zero-setup onboarding via self-installing hooks and shipped a signed, notarized, cross-compiled macOS binary