

AHOURA RADPEY

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EDUCATION

Queen's University

Class of Apr 2025

Bachelor's, Computer Engineering

- Completed ECEi program with a Minor in Business, blending engineering depth with commerce foundations

PROFESSIONAL EXPERIENCE

Stealth Startup | Python, AWS, TypeScript, React

Sep 2024 – Present

Full-Stack Developer

- Built a weather-aware mapping service handling **1200+** geolocation queries daily with less than **300 ms** P95 latency.
- Helped design a predictive forecasting system that combines weather data APIs with routing, improving delivery reliability
- Set up a fault-tolerant AWS stack that maintained **99.9 %** uptime
- Delivered a responsive React interface with real-time maps and clear error handling when external APIs went down

Greensdale Technology Corporation | TypeScript, React, Node.js

Jan 2025 – Present

Full-Stack Developer (Part-time)

- Created and managed an internal dashboard used by employees for scheduling, meetings, and time tracking
- Added features to manage weekly hours, vacation requests, and client assignments in one place
- Integrated Google Calendar and Slack APIs to keep scheduling in sync across platforms
- Containerised the dev stack with Docker Compose, shrinking new-hire setup from **2 days** to **6 hrs**

Owl.co | TypeScript, JavaScript, Clojure, AWS, React, Redux

May 2023 – Sep 2024

Full-Stack Developer Intern (16-Month Internship)

- Built and maintained full-stack UI assets used across multiple teams, making development cycles faster
- Worked on backend Clojure services that supported fraud detection pipelines at scale
- Designed async AWS workflows for image and document processing that removed key bottlenecks
- Thrived in a fast-paced startup environment, balancing **60+** Jira tickets across frontend, backend, and QA over multiple sprints

Aztech OGP | TypeScript, React, Redux

Apr 2022 – Sep 2022

Front-End Developer Intern

- Shipped a responsive React interface that scored above **85** in Lighthouse for both accessibility and performance
- Authored **10+** reusable components following clean-architecture standards
- Improved form workflows with Redux-based state management and custom validation hooks
- Automated linting and tests via GitHub Actions, ensuring smooth pull requests across the team

PROJECTS & OUTSIDE EXPERIENCE

ClipPage | AI-Powered Shorts Story Generation Platform | TypeScript, Next.js, Supabase — *clippage.vercel.app*

Full-Stack Developer

- Engineered a Next.js 14 + TypeScript studio that has produced **1500+** voice-overs across **10+** languages
- Integrated Supabase Auth and credit metering to manage workloads for **200+** beta users
- Crafted robust loading/error states ensuring consistent SSR across **5** major browsers

Free Browser Tools | Developer Utility Platform | TypeScript, React, Next.js — *freebrowsertools.dev*

Creator & Software Engineer

- Launched a static-generated Next.js site offering **100+** no-login utilities, attracting **5000+** visits/month
- Implemented JSON-driven routing that renders new pages at build time, eliminating server overhead
- Introduced a modular UI kit that cut feature development cycles by **30 %**
- Deployed on Vercel's edge network with bundle splitting, so users consistently see pages load in under a second

CovGenie | AI Cover-Letter Generator | TypeScript, Supabase, OpenAI, Stripe — *covgenie.com*

Creator & Software Engineer

- Built a serverless GPT-4o workflow that produces tailored letters in **less than 3 s** end-to-end
- Scaled to **100+** free users with around \$100 revenue generated, running at nearly zero upkeep cost except the domain
- Integrated Stripe subscriptions and Supabase RLS to safely handle payments
- Added a simple editor with live preview so users could customize their letters before export

SKILLS & CERTIFICATIONS

Languages: C/C++, Clojure, TypeScript, JavaScript, Java, Python, PHP, HTML/CSS, SQL/NoSQL, C/C++

Frameworks/Libraries: React.js, Redux.js, Next.js, jQuery, PyTorch, TensorFlow, scikit-learn

Tools/Platforms: AWS, Docker, Firebase, Jupyter, MySQL, NoSQL, PostGRES, NumPy, OpenCV

INTERESTS

Gym, Basketball, Perfumery, Game Design, Rock Climbing, Guitar, Motorcycles, AI