

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

Aqlen

Sep 2024 – Present

Full-Stack Developer

- Built a weather-aware mapping service handling **1200+** geolocation queries daily with **<300 ms** P95 latency.
- Integrated OpenAI routing prompts that reduced average driver mileage by **42 %**, accelerating last-mile logistics
- Designed a fault-tolerant AWS stack (EC2+RDS+S3) that maintained **99.9 %** uptime through Q1 storm outages
- Delivered a responsive React interface featuring real-time maps and graceful fallbacks for third-party API drops

Greensdale Technology Corporation

Jan 2025 – Present

Front-End Developer (Part-time)

- Developed a React/TypeScript dashboard enabling **10+** consultants to track **50+** weekly client meetings in one place
- Implemented bi-directional Google Calendar sync over WebSockets, cutting missed appointments by **35 %**
- Re-skinned the legacy UI with Tailwind CSS, lifting Lighthouse mobile score to **95 %** and improving UX
- Containerised the dev stack with Docker Compose, shrinking new-hire setup from **2 days** to **6 hrs**

Owl.co

May 2023 – Sep 2023

Full-Stack Developer Intern

- Delivered **15+** reusable React/Redux components, boosting homepage load speed by **28 %**
- Refactored high-volume Clojure services, doubling throughput and lowering compute cost by **2.5×**
- Added AWS Lambda-driven async image processing, removing a major pipeline bottleneck
- Resolved **60+** cross-team Jira tickets across two agile quarters by bridging FE, BE, and QA

Aztech OGP

Apr 2022 – Sep 2022

Front-End Developer Intern

- Shipped a responsive React interface that scored **90+** in Lighthouse for both accessibility and performance
- Authored **20+** reusable components following atomic design and clean-architecture standards
- Enhanced UX with Redux-based state management and bespoke form-validation hooks
- Automated linting/tests via GitHub Actions, keeping PR pass-rate at **100 %**

PROJECTS & OUTSIDE EXPERIENCE

ClipPage | AI-Powered Shorts Story Generation Platform — *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
- Applied S3 lifecycle rules for auto-expiring assets, reducing storage spend **18 %** in just **2 months**
- Crafted robust loading/error states ensuring consistent SSR across **5** major browsers

Free Browser Tools | Developer Utility Platform — *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 via Vercel edge network; bundle splitting delivers sub-**1 s** LCP globally

CovGenie | AI Cover-Letter Generator — *covgenie.com*

Creator & Software Engineer

- Deployed a serverless GPT-4o workflow that produces tailored letters in **<3 s** end-to-end
- Scaled to **500+** users with **73 %** retention and **12.3 %** free-to-paid conversion
- Integrated Stripe subscriptions and Supabase RLS, safely handling **100+** transactions/month
- Added drag-and-drop DOCX/PDF parsing and export, boosting engagement by **41 %**

SKILLS & CERTIFICATIONS

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

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

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

INTERESTS

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