# 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 **1 200+** 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 **1 500+** 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 **5 000+** 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