

AHOURA RADPEY

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SKILLS AND CERTIFICATIONS

Skills: C/C++, Clojure, TypeScript, Redux.js, React.js, MySQL, SQL, NoSQL, JavaScript, Java, HTML/CSS, PHP, Data Analysis, Data Science, Data Structures & Algorithms, Python, AWS, Jupyter, Prompt Engineering, Docker, Firebase, jQuery, LLM, Next.js, NumPy, OpenCV

EDUCATION

Queen's University, Ontario

Bachelor's, Computer Engineering

April 2025

- Completed ECEi program with a Minor in Business, integrating technical engineering studies with commerce coursework
- Courses: Computer Networks, Digital Systems Engineering, AI, Safety Critical Software Engineering, Computer Vision with Deep Learning, Neural and Genetic Computing, Microprocessor Systems, Operating Systems, Database Management Systems, Advanced Data Analytics, Computer Architecture

PROFESSIONAL EXPERIENCE

Aqlen

Full-Stack Developer

Remote

September 2024 - Present

- Built a weather-aware mapping system serving 1,200+ geolocation queries daily with <300ms latency.
- Used OpenAI API to implement dynamic route generation, decreasing logistics time by 42%.
- Designed a fault-tolerant cloud architecture on AWS (EC2, RDS), sustaining 99.9% uptime during Q1.
- Created a responsive React frontend with live data visualization and fallback error handling for unreliable APIs.
- Refactored REST endpoints, improving API efficiency and reducing server load by 30%.

Greensdale Technology Corporation

Front-end Developer (Part-time)

North Vancouver, BC, Canada

January 2025 - Present

- Developed an internal dashboard used by 10+ team members to manage 50+ weekly client meetings and workflows.
- Implemented secure JWT-based authentication and role-based access control, eliminating unauthorized access.
- Integrated Google Calendar APIs with real-time WebSocket updates, reducing missed appointments by 35%.
- Refactored UI using Tailwind CSS, boosting mobile responsiveness and achieving 95% Lighthouse mobile usability score.
- Dockerized the dev environment, reducing onboarding time for new developers from 2 days to under 6 hours.

Owlco

Fullstack Developer Intern

Vancouver, BC, Canada

May 2023 - September 2023

- Built 15+ modular React/Redux components to improve UI load times by 28%.
- Streamlined Clojure-based backend logic, increasing throughput efficiency by 2.5x.
- Spearheaded integration of AWS Lambda functions for async data processing, reducing pipeline bottlenecks.
- Facilitated 60+ cross-functional ticket resolutions between frontend, backend, and QA within agile sprints.
- Designed and tested a secure role-based permission layer adopted by 2 internal tools.

Aztech OGP LTD.

Front-end Developer Intern

Remote

April 2022 - September 2022

- Designed and shipped a responsive app interface rated 90+ on Lighthouse for accessibility and performance.
- Developed 20+ reusable React components following clean architecture principles and scalable design.
- Enhanced user experience via dynamic state management and custom validation across all forms.
- Participated in code reviews 3x/week, reducing post-deployment bugs by 40%.
- Streamlined CI/CD process with Git hooks and ESLint, ensuring 100% pass rate across all PRs.

PROJECTS & OUTSIDE EXPERIENCE

CLIPPAGE | AI-Powered Voice Generation Platform - [Link to project](#)

Full-Stack Developer

Remote

January 2025 - Present

- Engineered a Next.js 14 app with TypeScript, handling 1,500+ voiceover generations across 10+ languages.
- Implemented Supabase authentication with session tracking and credit allocation for 200+ active users.
- Architected auto-expiring storage for audio files, decreasing S3 costs by 18% over 2 months.
- Built comprehensive loading/error states to ensure SSR consistency across 5 major browsers.
- Improved client-side performance with lazy-loading and route-level caching, hitting <250ms response times.

FreeBrowserTools.dev | Developer Utility Platform - [Link to project](#)

Creator & Software Engineer

Remote

June 2025 - Present

- Launched a zero-cost full-stack platform hosting 100+ categorized developer tools, reaching 5,000+ monthly visits.
- Built scalable JSON-based routing, enabling dynamic page generation without a traditional backend.
- Reused modular UI layouts to cut dev time by 30% across new features.
- Achieved sub-1s page loads globally via Vercel edge caching and optimized bundling.

CovGenie | AI Cover Letter Generator - [Link to project](#)

Creator & Software Engineer

Remote

July 2025 - Present

- Built and deployed a GPT-4o-powered generator that outputs tailored cover letters in <3s.
- Attracted 500+ users with a 73% retention rate, 12.3% free-to-paid conversion, and 98.5% generation success.
- Integrated Stripe billing and Supabase row-level security to handle 100+ monthly paid user transactions.
- Enabled real-time file parsing with DOCX/PDF export and drag-and-drop UI, boosting engagement by 41%.
- Optimized database performance with 150ms average query latency and 99.7% overall uptime.

INTERESTS

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