

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

Greensdale Technology Corporation

Front-end Developer (Part-time)

North Vancouver, BC, Canada

January 2025 - Present

- Developed a private internal dashboard for managing client meetings and scheduling workflows
- Designed secure user authentication and access control for team members
- Implemented calendar integration and real-time updates for scheduling changes
- Optimized the UI for responsiveness and ease of use across devices
- Technologies: TypeScript, Vue.js, Python, FastAPI, PostgreSQL, Docker, JWT, Tailwind CSS, WebSockets

Aqlen

Full-Stack Developer (Part-time)

Remote

September 2024 - Present

- Built a geolocation and weather-aware mapping system
- Integrated AI-powered logistics and routing using OpenAI
- Linked backend services to a responsive frontend interface
- Managed cloud database infrastructure on AWS
- Technologies: JavaScript, React, Node.js, Express, OpenAI API, AWS (RDS, EC2), REST APIs, HTML/CSS

Owl.co

Fullstack Developer Intern

Vancouver, BC, Canada

May 2023 - September 2023

- Improved UI performance by building and integrating React/Redux frontend components with AWS, enhancing user experience in a fast-paced setting.
- Streamlined backend processes by implementing efficient data handling and API integration using Clojure, contributing to project efficiency.
- Facilitated cross-team collaboration with software development and QA, strengthening communication and interpersonal skills.
- Technologies: TypeScript, React, Redux, Clojure, AWS, REST APIs, HTML/CSS

Aztech OGP LTD.

Front-end Developer Intern

Remote

April 2022 - September 2022

- Developed a responsive web application using React and TypeScript, focusing on clean architecture and scalable component design
- Collaborated with senior developers to implement new features and UI enhancements aligned with design system standards
- Improved user experience with form validation, dynamic state management, and accessibility best practices
- Participated in code reviews, testing, and version control workflows using Git and CI tools
- Technologies: React, TypeScript, HTML, CSS, Git, Vite, Zustand, Axios, ESLint

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 using Unreal Speech API to generate high-quality multilingual voiceovers
- Designed and integrated Supabase auth and database to manage user sessions, credit allocation, and auto-expiring audio file storage
- Implemented robust error prevention strategies for browser-specific API usage and server-side rendering, ensuring consistent user experience across devices with comprehensive loading states
- Technologies: Next.js, React, TypeScript, Tailwind CSS, Supabase, RESTful APIs, Server-Side Rendering

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

Creator & Software Engineer

Remote

June 2025 - Present

- Designed and developed a full-stack Next.js web app hosting 100+ categorized developer tools, deployed on Vercel with zero backend cost.
- Implemented static site generation (SSG) with SEO-optimized metadata per tool for fast load times and strong search engine indexing.
- Built reusable UI components and layouts using Tailwind CSS and the Next.js App Router for consistent UX across all tools.
- Architected scalable routing and dynamic content using a centralized JSON registry and generateStaticParams().
- Technologies: Next.js, React, Tailwind CSS, Vercel, Fuse.js, SSG, SEO

CovGenie | AI Cover Letter Generator (Full-Stack SaaS Project) - [Link to project](#)

Creator & Software Engineer

Remote

July 2025 - Present

- Built and deployed a full-stack SaaS app that generates custom GPT-4o cover letters in <3s, featuring real-time file parsing and PDF/DOCX export.
- Integrated user authentication, credit-based billing via Stripe, and Supabase database with row-level security and live subscriptions
- Grew and engaged a user base of 500+ users, achieving a 73% retention rate, a 12.3% freetopaid conversion rate, and a 98.5% generation success rate.
- Optimized performance: 99.7% uptime, 2.3s API response time, 150ms average DB queries, and mobile-responsive UI with drag-and-drop file upload
- Technologies: Next.js, React, TypeScript, Tailwind CSS, Supabase, RESTful APIs, Server-Side Rendering

INTERESTS

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