

# Khalid Karim – Agile Software Developer

Vancouver, BC | 236-339-8382 | Email | LinkedIn | GitHub | Portfolio Website

## EDUCATION

**Simon Fraser University**, Burnaby, BC  
*Bachelor of Applied Sciences in **Computer Science** - 3.6 GPA*

**Expected Graduation Date: Sep 2026**

## EXPERIENCE

### Software Developer

**Oct 2024 - Jan 2025**

*CJSF 90.1FM Radio*

*Burnaby, BC*

- Developed responsive homepage and **donations page components** using **Next.js**, enhancing navigation for 1,000+ users and boosting donation rates by **15%**.
- Integrated **Strapi CMS** with RESTful APIs to manage accounts and scheduling, saving 10+ admin hours weekly by automating manual workflows.
- Designed UI/UX mockups in **Figma** and collaborated using **Git** to align frontend features and streamline deployment with the dev team.

### Backend Developer

**Sep 2024 - Nov 2024**

*Horizon Expedition*

*Burnaby, BC*

- Synchronized NPC behavior across clients using **Mirror**, reducing lag and improving player experience by **25%**.
- Configured REST APIs for inventory and progression systems, boosting database query performance by **40%**.
- Integrated a combat system with progression logic, enabling **20% faster server-client state synchronization**.

## PROJECTS

**Resumeate** | *AI resume assistant for jobs* |



**React, Tailwind CSS, API Integration**

- Built an **AI assistant** to help users generate personalized resumes and cover letters using GPT-4 and **JSearch API**.
- Implemented **resume parsing, keyword matching**, via Axios, Jotai, pdf-parse to improve targeting.
- Leveraged OpenAI API embeddings for advanced search capabilities enhancing the app's intelligence and user engagement.

**UniStream** | *MERN University event livestreaming web app* |



**React, Node.js, MongoDB, Express**

- Developed a **livestreaming platform** to let students join campus events instantly and give admins full control.
- Enhanced event discovery with **live statuses, smart labels**, and debounced search across role-based views.
- Token-based authentication with JWT, ensuring secure user sessions and preventing unauthorized API access.

**Wedding RSVP** | *Custom RSVP tool for events* |



**Next.js, Supabase, Resend, EmailJS**

- Designed a simple RSVP tool for weddings that collects responses, sends email alerts, and shows updates to hosts, improving coordination and reducing manual follow-ups.
- Secured access using **RLS policies, unique email checks**, and an admin-only dashboard.
- Responsive and modular UI with Next.js and Tailwind CSS, ensuring seamless user experience across devices.

**Crypto Chatbot** | *Crypto chatbot with live insights* |



**TypeScript, Vercel AI SDK, Shadcn**

- Created a chatbot for crypto users that **answers questions** with live prices, trends, and summaries using GPT-4, **Kraken, and CoinMarketCap APIs**.
- Crafted a responsive, streaming chat UI using **Next.js 14, RSCs, Vercel AI SDK** for seamless interaction.
- Simplified financial info with clean Tailwind + Shadcn design, making crypto insights more accessible.

## TECHNICAL SKILLS

**Languages/Databases:** JavaScript, TypeScript, TensorFlow, HTML5, CSS3, Python, C/C++, MySQL, MongoDB,  
**Frameworks:** React, Next.js, Node.js, Express, Three.js, Unity, Tailwind CSS, Strapi, REST APIs, ASP.NET MVC  
**Developer Tools:** Jenkins, JIRA, Git, GitHub, AWS, Docker, Figma, SQLite, Azure  
**Libraries:** Pandas, NumPy, Matplotlib, SciKit-Learn, Keras, Axios, Mirror, Vercel AI SDK