Khym Nad

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Portfolio: portfolio-react-coral-beta.vercel.app/   Location: Edmonton, AB

Professional Summary

Computer Science student at the University of Alberta with hands-on experience in full-stack development, RESTful API design, and scalable application architecture. Proven ability to deliver user-focused solutions, including a decentralized social platform and an award-winning neuroscience-based hackathon project. Passionate about building impactful, collaborative software.

Education

University of Alberta   **Sep. 2021 – Present**
Bachelor of Science in Computing Science, Minor in Mathematics   *Edmonton, AB*

Technical Skills

Languages: JavaScript, Python, Java, C#, SQL, HTML5, CSS3, R

Frameworks: React, ASP.NET Core, .NET Core, Django, Node.js, Android XML

Tools & Platforms: Git, GitHub, PostgreSQL, MySQL, Vercel, Render, Heroku, Firebase, Visual Studio, VS Code

Concepts: REST APIs, MVC, CRUD, OOP, Full-Stack Architecture

Projects

AI-Powered Resume Matcher | *ASP.NET Core, Web API, C#, Python, JavaScript, React, Vite*

- Utilized **PDFPlumber**, **HuggingFace Transformers**, and **Adzuna API** to build an AI-powered resume matcher that uses **Natural Language Processing (NLP)** to extract skills and recommend real-time job listings.

- Developed a scalable backend using **ASP.NET Core Web API** and **Python**, integrating NLP pipelines and external APIs for intelligent resume-job alignment.

- Designed a responsive frontend with **React**, **Vite**, and **Framer Motion**, enhancing interactivity and deployed on **Vercel** and **Render** to streamline CI/CD workflows.

- GitHub: Frontend — Backend   Live Demo: resume-matcher-client.vercel.app

CABOA Official Website | *React, React Router, React Hooks, JavaScript, Framer Motion*

- Used **React**, **React Router**, and **Framer Motion** to build a responsive website for the Central Alberta Basketball Officials Association.

- Implemented component-based architecture with **React Hooks** for efficient state management and client-side routing.

- Enhanced user experience with dynamic event listings and animated UI transitions, leading to higher engagement and session time.

- GitHub: github.com/KhymNad/CABOA   Live Demo: caboa.ca

Decentralized Social Network | *Python, Django, JavaScript, HTML, CSS, Heroku*

- Leveraged **Python**, **Django**, and **Django REST Framework** to build a decentralized social networking platform with cross-node user interactions.

- Designed and integrated custom **RESTful APIs** and a **PostgreSQL** backend to enable scalable data storage and communication.

- Developed and deployed a responsive UI with **HTML**, **CSS**, and **JavaScript** on **Heroku**, ensuring broad accessibility across devices.

- GitHub: github.com/KhymNad/decentralized_social_network

Certifications

- **.NET Full Stack Developer — Board Infinity** (Jun 2025)
  C#, ASP.NET MVC, RESTful API, SQL, Node.js, React — Credential ID: DJ77BY6JRS5E

- **Backend Development for .NET Full Stack — Board Infinity** (May 2025)
  C#, ASP.NET MVC, RESTful API, SQL — Credential ID: V3LNKWU738W1

- **Frontend Development using React — Board Infinity** (Jun 2025)
  JavaScript, CSS, HTML, Node.js, React — Credential ID: 27XS9JUYDS3A

- **Back-End Development with .NET — Microsoft** (Jul 2025)
  C#, ASP.NET, RESTful API, JSON, Routing Protocols, .NET Framework, Back-End Web Development — Credential ID: V2W23Y861O10

- **Database Integration and Management — Microsoft** (Jul 2025)
  SQL, Object-Relational Mapping, Data Modeling, Performance Tuning, Data Security — Credential ID: ONMXDDKHJSY3

- **Blazor for Front-End Development — Microsoft** (Jun 2025)
  UI/UX Design, Blazor, C#, State Management — Credential ID: BE7R8PA5VG74

Work Experience

Cashier, Safeway Grocery — Edmonton, AB   May 2023 – Sep 2023

- Processed daily transactions and maintained register accuracy.

- Resolved customer issues and delivered professional service.

- Developed multitasking skills in a high-volume environment.

Bakery Clerk, Sinnott's Your Independent Grocer — Red Deer, AB   Apr 2022 – Aug 2022

- Ensured product quality and performed inventory control.

- Maintained sanitization and compliance with food safety.

- Packaged and stocked baked goods per store presentation standards.

Volunteer Experience

Vice Head Mentor, U of A Taekwondo Club — Edmonton, AB   Mar 2024 – Apr 2025

- Managed logistics for competitions and liaised with coaches and community leaders.

- Coordinated member mentorship and practice strategies.

- Led preparation efforts for local and regional tournaments.

Teaching Assistant, TeamUP Science Interdisciplinary Competition — Edmonton, AB   Feb 2023

- Facilitated Python lab sessions for high school students.

- Provided guidance on algorithms, problem-solving, and debugging.