Khym Nad

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Portfolio: khymnad.github.io/Portfolio   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, Django, Node.js, ASP.NET, .NET Core, Android XML, Firebase
Tools & Platforms: Git, GitHub, Gradle, Android Studio, Heroku, SSMS, Visual Studio, VS Code
Concepts: REST APIs, MVC, CRUD, OOP, Full-Stack Architecture

Projects

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

- Developed a decentralized social networking platform with Python and Django, enabling user profile creation, posting, and federated communication between nodes.
- Implemented custom RESTful APIs using Django REST Framework and PostgreSQL for scalable data storage.
- Deployed responsive frontend interfaces using HTML, CSS, and JavaScript, hosted on Heroku to ensure cross-browser accessibility.
- GitHub: github.com/KhymNad/decentralized_social_network

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

- Built a responsive website for the Central Alberta Basketball Officials Association using React and modern frontend libraries.
- Used React Router for client-side navigation, Hooks for functional state management, and Framer Motion to animate UI transitions.
- Improved visitor experience through dynamic event listings and executive profiles, increasing user engagement and session duration.
- GitHub: github.com/KhymNad/CABOA   Live Demo: https://caboa.ca/

NeuRomance (2nd @ natHACKS 2024) | *Python, NumPy, Pandas, PyWavelets, JavaScript, React*

- Created a neuroscience-powered dating app that integrates EEG brainwave input to match users based on emotional compatibility.
- Built full-stack architecture using Python for backend logic and REST APIs, and React for an interactive frontend interface.
- Achieved 2nd place at natHACKS 2024 by demonstrating novel application of biometric data to relationship technology.
- GitHub: github.com/orgs/natHACKS-2024-idk/repositories

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

- **Foundations of Coding Full-Stack — Microsoft** (May 2025)
  C#, ASP.NET, OOP — Credential ID: 1F2TUS6BREEJ

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

- **Introduction to Web Development — Microsoft** (Jun 2025)
  Git, HTML, CSS, JavaScript, JSON — Credential ID: IY7QZ05BT2LC

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.