Amraj Koonar

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, Java, Python, C, C++, SQL (PostgreSQL), GraphQL
Frameworks: React.js, Next.js, Node.js, ExpressJs, Socket.io, Spring Boot, Vue.js, Tailwind CSS
Developer Tools: Docker, AWS, MongoDB, Cypress, Git, GitHub, Mocha, Vite
Transferable Skills: Problem-solving, teamwork, communication, time management, adaptability

PERSONAL PROJECTS

FoodConnect | *React, Tailwind CSS, ExpressJs, PostgreSQL, GraphQL, Socket.io*   Jan. 2025 – Present
- Developed an online platform connecting food donors with those in need for easy donations and pickups.
- Integrated an AI-powered image recognition tool to predict food expiry dates and a filtering system for allergies, dietary needs, and availability.
- Implemented real-time chat using Socket.io and map integration for location-based food listings.

DeepPhishing | *Next.js, React, Tailwind CSS, Shadcn/ui, OpenAI API, JavaScript*   Jan. 2025 – Present
- Built a cybersecurity tool that detects phishing attempts using AI-powered email and file analysis.
- Integrated URL, file, and email scanning tools to detect malware using the VirusTotal API.
- Utilized AI to generate phishing quizzes and an interactive learning tool to help users recognize phishing tactics.

SportoQuiz | *React, TypeScript, Tailwind CSS, JavaScript, OpenAI API*   Dec. 2024 – Present
- Developed an interactive sports trivia platform featuring themed quizzes across major sports leagues.
- Integrated OpenAI API for dynamically generating trivia questions and implemented custom CSS animations for engaging UI elements.

Personal Portfolio Website | *React, CSS, HTML, JavaScript, Framer Motion*   Jan. – Feb. 2025
- Designed and developed a fully responsive portfolio website with animated UI components.
- Implemented Framer Motion for smooth animations and React Scroll for seamless navigation.

EXPERIENCE

SFU Computer Science Peer Tutor   Dec. 2024 – Present
Simon Fraser University   *Burnaby, BC*
- Strengthened communication and interpersonal skills by effectively assisting students in understanding complex topics such as recursion and dynamic programming.
- Guided students in debugging code and understanding foundational programming concepts in languages such as Python, Java, and C++.

SFU Calculus Peer Tutor   Sept. 2023 – Present
Simon Fraser University   *Burnaby, BC*
- Enhanced problem-solving skills by breaking down advanced calculus concepts into manageable steps to aid student comprehension.
- Demonstrated critical thinking and adaptability to identify student challenges and develop individualized learning strategies to improve academic outcomes.
- Developed individualized learning plans for students, addressing specific areas of difficulty to improve their overall performance.

Computer Programming Assistant Instructor   Oct. 2021 – Jan. 2022
Under The Gui   *Vancouver, BC*
- Developed and implemented engaging methods to teach coding to children, fostering an interest in CS.
- Fostered leadership and teamwork by creating an engaging and inclusive environment to teach coding fundamentals to children.

EDUCATION

Bachelor of Science in Computer Science   Sept. 2022 – Present
Simon Fraser University   *Burnaby, BC*