Jashanjot Panjrath

226-505-0962 | jashanjotpanjrath@gmail.com | linkedin.com/in/jashanjot | github.com/JashanjotP

EDUCATION

University of Guelph   Guelph, ON
Bachelor of Computing in Software Engineering, Minor in Business   *September. 2022 – Present*
Cumulative Average: 89%

EXPERIENCE

Undergraduate Teaching Assistant   September 2023 – Present
University of Guelph   *Guelph, ON*
- Led engaging C programming lab sessions for 40 students, creating and delivering hands-on assignments to enhance their coding skills.
- Conducted weekly office hours, providing personalized assistance to students seeking guidance on concepts, debugging, and problem-solving.
- Acted as a reliable resource for students, offering constructive feedback, and explaining complex topics.
- Delivering clear and concise explanations of programming principles to facilitate student learning and mastery.

PROJECTS

Portfolio Website | *Vite, Tailwind*   https://jashanjotp.github.io/Portfolio-Website/
- Developed a responsive portfolio website using Vite.js as the build tool and Tailwind CSS for efficient and modular styling.
- Incorporated data fetching mechanisms in Vite to dynamically load content, such as project details.
- Optimized website performance by leveraging Vite's built-in features and Tailwind CSS utility classes.

Discord Clone | *Typescript, Nextjs, React, MySQL, Prisma, Tailwind*   September 2023 – October 2023
- Developed a full-stack clone of discord using Nextjs as the framework
- Implemented real-time messaging using websockets and also a fallback mechanism using polling with alerts, enhancing user communication in the application.
- Crafted a visually appealing user interface using TailwindCSS and ShadcnUI, offering full responsiveness and mobile compatibility.
- Leveraged Prisma as an Object-Relational Mapping (ORM) tool to interact with a MySQL database
- Implemented one-on-one and group calling features, enabling users to seamlessly connect via text, audio, and video calls, fostering effective and real-time communication within the application.
- Developed the ability for all users to delete and edit messages in real time, improving message management.

Spotify Clone | *Typescript, Nextjs, React, Supabase, StripeAPI, PostgreSQL, Tailwind*   June 2023 – August 2023
- Developed a music streaming platform with the capability to upload and play songs
- Implemented secure authentication methods using Supabase and Github, enhancing user access control and login options.
- Enabled users to upload and store files and images using Supabase storage, improving media management within the application.
- Implemented subscription management, including the ability to cancel subscriptions, using StripeAPI.
- Developed a feature-rich player component, offering an immersive music playback experience with advanced functionality.
- Created a user-friendly, responsive, and visually appealing interface using Tailwind CSS with dynamic animations, enhancing the overall user experience.
- Designed and integrated a system for users to create playlists and mark songs as favorites, enhancing personalization and user engagement.

TECHNICAL SKILLS

Languages: C, Java, JavaScript, TypeScript, Python, SQL, HTML/CSS, Assembly
Frameworks: Nextjs, React, Vite, Express, Nodejs, Tailwind CSS,
Libraries: pandas, NumPy, Matplotlib, Shadcn-ui, Prisma, JUnit