Abdul Khan

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SKILLS SUMMARY

WEB DEVELOPMENT			SOFTWARE DEVELOPMENT	
React	Firebase	HTML	Python	Kotlin
Next.js	Figma	CSS	Java	GitHub
SQL	TypeScript	JavaScript	C	Unity

EDUCATION

H.B.Sc Computer Science & Statistics   **Sep. 2021 – Apr. 2025 (Expected)**
University of Toronto
- Intended additional major in Technology, Coding & Society (TCS)
- **Relevant Courses:** Fundamentals of Computer Programming (Python), Differential Calculus, Integral Calculus, Software Design (Java), Human-Computer Interaction (Figma), Software Tools and Systems (C), Linear Algebra I, Principles In Game Design, Immersive Environment Design (Unity), Calculus of Several Variables, and Introduction to Software Engineering

PROJECTS

Next.js Productivity Project | GitHub

I am actively collaborating with a team of 7 individuals on an enhanced Notion-like productivity website using the Agile model, MUI widgets, Next.js, Firebase authentication, and a PostgreSQL database. This collaborative effort aims to provide a more customized widget experience for users.

Local Video Player Extension | GitHub

I developed a Chrome extension that enhances the video playback experience by allowing users to watch local videos on their browser with features such as adjustable speed (0.10x to 16x), aspect ratio stretching, a video seeker, and keyboard shortcuts. This enhanced viewing experience opens the possibilities for a personalized in-browser option outside the common software provided by the operating system.

AI Stock App | GitHub

By integrating the Polygon.io and ChatGPT API, this AI Stock web app provides users with insightful stock analysis for any inputted stock code. This application has the potential to assist novice investors in making informed decisions in the dynamic world of finance.

AI Art Generator | GitHub

Utilizing the Dall-E API, I created a simple web app that generates images based on user input. Thus, highlighting the potential for this functionality to be integrated into future projects I work on.

3D Apple Website | GitHub

Using Vite.js, Three.js, WebGi, and GSAP, I created a simple 3D version of the Apple website in order to practice using powerful libraries that I can incorporate into my future projects to create a more interactive and rich experience for users.

Firebase Social Media App | GitHub

This is a simple social media Progressive Web App that employs Firebase authentication and Cloud Firestore to allow users to sign in, create posts, and store data in Firebase's database. Thus, showcasing the potential for Firebase to be integrated into my future projects.

AI Agent Chatbot | GitHub

This is more than just a typical ChatGPT-powered chatbot, this is an AI agent capable of executing functions based on user prompts. Currently supporting functions like getCurrentWeather & getLocation, this web app offers a glimpse into the potential of AI task automation and assistance.

Todo List Application | GitHub

A Python application employing the Tkinter, Pickle, Json, and Matplotlib modules, this application enables its users to manage tasks, set reminders, and track task-related activities through visual graphs, showcasing my potential in creating robust and practical desktop applications.

Linkest Extension | GitHub

Another Chrome extension of mine, Linkest, facilitates note-taking, saving tab links, opening local files in the browser quickly, and one-click Google searches of saved text. Thus, providing a more versatile and quick note-taking and site-saving functionality outside of simply bookmarking.

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