Abdul Khan

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SUMMARY

I'm Abdul Khan, a third-year computer science student at the University of Toronto Mississauga. With a passion for web, app, and software development, I have honed my skills in Python, Java, Kotlin, Figma, HTML, CSS, and JavaScript. I am also currently learning React and Next.js to create an enhanced version of Notion alongside a group of 7 people using the Agile model. My academic journey, including relevant courses and external experiences, has equipped me with a strong foundation in programming and problem-solving. As a diligent and design-oriented individual, I have created several projects such as a local video player extension and a ChatGPT-powered AI translator. Beyond coding, I am highly responsible, hardworking, and have an extreme passion for learning new things that I can implement the next time I work on a project. Thus, eager to continue learning and apply my knowledge, I am actively seeking opportunities to contribute to innovative projects and gain practical experience.

SKILLS SUMMARY

WEB DEVELOPMENT	UI/UX	SOFTWARE DEVELOPMENT	
HTML/CSS/JavaScript	Figma	Python	Kotlin
React	Leonardo.AI	Java	GitHub
Next.js	Photoshop	C	Unity
Firebase			

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

Ontario Secondary School Graduate + Co-op   **Sep. 2017 – June. 2021**
Rick Hansen Secondary School
- Completed 4 years of study with a focus on computer science, engineering, and design.
- **Relevant Courses:** Computer Science Gr.10, 11 & 12 and Computer Engineering Gr. 10, 11 & 12

PROJECTS

Next.js Productivity Project | [GitHub](#)

I am currently 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.

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.

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.

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.

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