

# Abdul Khan

📞 647-241-6085 | ✉ ahkn63@gmail.com | 🏠 Portfolio | 🐙 GitHub | 🌐 LinkedIn | 📺 Youtube

## Skills

---

<b>Web Development</b>	React   Next.js   TypeScript   HTML   CSS   JavaScript   Three.js
<b>Software Development</b>	Python   Java   C   Kotlin   Unity
<b>Automation Testing</b>	Playwright
<b>Database</b>	SQL   Firebase
<b>Design Tools</b>	Figma
<b>CI/CD</b>	Git   GitHub   GitHub Action   Netlify   Vercel   Render

## Education

---

**B.Sc, Computer Science (Honours) + PEY Co-op** **Apr. 2026 (Expected)**  
University of Toronto

- **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 (Java & Next.js)

## Projects

---

### Opal Labs (Productivity Tool)

 [GitHub](#)

- Collaborated with a team of 7 using Agile methodology to develop a Notion-like productivity website using Next.js, TypeScript, Google OAuth, PostgreSQL, Redis, Playwright, and Go.
- Provided users with various customized widgets, subpages, google login, savable and publishable pages using our backend server, page favouriting, and draggable elements.

### Local Video Player Extension

 [GitHub](#)

- Created a Chrome extension for enhanced video playback, featuring adjustable speed, aspect ratio control, saved video position, two types of video seekers and various keyboard shortcuts.
- Improved user experience for watching local videos directly in the browser.

### AI Stock App

 [GitHub](#)

- Integrated Polygon.io and ChatGPT APIs to provide stock analysis and insights for investors.
- Assists novice investors in making informed decisions in the stock market using AI.

### AI Art Generator

 [GitHub](#)

- Developed a web app using the Dall-E API for generating images based on user input.
- Explored the potential of AI in creative projects and future applications.

### 3D Apple Website

 [GitHub](#)

- Utilized Vite.js, Three.js, WebGi, and GSAP to create a simple 3D version of the Apple website.
- Practiced skills in creating interactive and visually engaging web experiences for future projects.

---

## Firestore Social Media App



- Built a Progressive Web App (PWA) using Firebase authentication and Cloud Firestore to allow users to sign in, create posts, and store data in Firebase's database.
- Integration of Firebase services for real-time data management and user authentication.

## AI Agent Chatbot



- Developed an AI-powered chatbot capable of executing functions and providing assistance based on user prompts.
- Demonstrated potential for AI automation and task execution in future web applications.

## Todo List Application



- Created a Python application with Tkinter, Pickle, Json, and Matplotlib modules for task management and visualization.
- Implemented graphical representation of task-related activities for better task tracking and management.

## Linkest Extension



- Designed a Chrome extension for note-taking, tab link saving, opening local files, and quick Google searches of saved list items.
- Enhanced browser functionality for efficient note-taking and site-saving tasks.

*Please Check Out More Projects on my [Portfolio Website](#)*