

# SHAYAN KHAN

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## EDUCATION

**George Mason University**  
*BS in Applied Computer Science*

June 2027  
Fairfax, VA

## WORK EXPERIENCE

**Bad Kids Korporation — MYJ.inc**  
*Web Tech Dev Intern I*

May 2024 - August 2024  
Chicago, IL (REMOTE)

- Assisted in the design, development, and maintenance of web platforms and mobile apps. This included:
  - Creating responsive web pages to enhance user experience.
  - Optimizing web content to improve load times and accessibility.
  - Integrating multimedia materials and AI algorithms for dynamic user interactions.
  - Collaborating with the marketing and design teams to implement SEO best practices, driving increased traffic and engagement.
  - Conducting usability and functionality testing to ensure a seamless and intuitive user interface.

**The Nineties Roleplay LLC**  
*Web Developer Intern — Gaming Infrastructure/Community Platform*

June 2023 – August 2023  
Arlington, VA

- Maintained and secured Linux-based web infrastructure for a high-traffic FiveM game server and companion web portal (12.5k+ active users).
  - Configured and optimized NGINX on Ubuntu servers for performance and uptime
  - Deployed custom web tools via SSH for game server integration and user experience enhancement
  - Collaborated with developers and moderators to build scalable community features and troubleshoot live issues

## PROJECTS

**Iron Pulse (Solo Developer)**

November 2024 – Present

- Developed and launched a fitness tracking iOS app on the **App Store** using React Native and TypeScript.
- Built exercise logging with AsyncStorage for offline-first capability and seamless data persistence.
- Implemented interactive charts for performance analytics using custom graphing logic.
- Designed intuitive workout workflows for tracking sets, reps, and weights.
- Integrated an AI-powered Gym Buddy assistant to generate personalized feedback and motivation tips.

**ClearDose (Solo Developer)**

September 2024 – Present

- Developed a medication tracking iOS app using React Native, TypeScript, and Supabase for secure cloud storage.
- Built complex scheduling logic for recurring doses, adherence analytics, and injection site tracking.
- Integrated Expo Notifications to trigger medication-specific reminders with opt-in permission handling.
- Engineered onboarding and secure authentication flows including in-app deletion and undo safeguards.
- Deployed to **TestFlight** for closed beta testing and user experience iteration.

**Python Discord Music Bot**

November 2023

- Built a Python-based bot using **yt\_dlp** to stream and manage high-quality audio from YouTube.
- Developed robust queue management features including shuffle, skip, and real-time status embeds.
- Optimized command handling to provide instant user feedback through the Discord API.

## TECHNICAL SKILLS

**Programming Languages:**

Python, JavaScript, TypeScript, HTML, CSS, Swift, C

**Tools:**

React Native, Firebase, NGINX, Git, SSH, Ubuntu, AsyncStorage, Expo

**Certifications:**

CompTIA A+, CompTIA N+, Microsoft MTA

**Languages:**

English, Pashto, Urdu

**Work Authorization:**

U.S. Citizen