SHAYAN KHAN

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EDUCATION

George Mason University <div align="right">June 2027</div>
BS in Applied Computer Science <div align="right">*Fairfax, VA*</div>

WORK EXPERIENCE

Bad Kids Korporation — MYJ.inc <div align="right">May 2024 - August 2024</div>
Web Tech Dev Intern I <div align="right">*Chicago, IL (REMOTE)*</div>

· 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 <div align="right">June 2023 – August 2023</div>
Web Developer Intern — Gaming Infrastructure/Community Platform <div align="right">*Arlington, VA*</div>

· 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 Founder) <div align="right">November 2024 – Present</div>

· Sole developer of a fitness tracking iOS app built with React Native and TypeScript.
· Built exercise logging with AsyncStorage for offline-first capability.
· 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.
· Deployed to TestFlight for closed beta testing and iteration.

Python Discord Music Bot <div align="right">November 2023</div>

· Implemented features using Python including playing, pausing, resuming, skipping songs, and displaying the currently playing song.
· Developed queue management functionalities such as adding, shuffling, clearing, and removing songs from the queue.
· Integrated `yt_dlp` library for extracting audio from YouTube videos.
· Designed an intuitive user interface using Discord embeds for real-time feedback.

To-Do List Web App <div align="right">October 2023</div>

· Created a dynamic To-Do list web app using HTML, CSS, and JavaScript and Firebase for real-time database use.
· Integrated with Firebase for real-time authentication sign-up/sign-in functionality.

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