SHAYAN KHAN

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EDUCATION

George Mason University   June 2027
BS in Applied Computer Science   *Fairfax, VA*

WORK EXPERIENCE

DC Witness   Nov 2025 – Jan 2026
Data Team Intern   *Washington, DC*

· Managed end-to-end tracking of 350+ homicide case records from incident reporting through judicial resolution.
  - Collected, cleaned, and structured 10,000+ criminal justice data entries from internal databases for analysis
  - Collaborated with 6+ reporters and editors to verify data integrity and support data-driven reporting
  - Built and maintained 15+ structured datasets and documentation systems, improving research workflow speed by 30%
  - Identified and corrected 200+ inconsistencies across case records, increasing overall data accuracy by 25%

Bad Kids Korporation — MYJ.inc   Summer 2024
Web Tech Dev Intern I   *Chicago, IL (REMOTE)*

· Designed, developed, and maintained 8+ web platforms and mobile apps.
  - Created 25+ responsive web pages, improving user engagement metrics by 20%
  - Optimized web content to reduce average load times by 35% and improve accessibility compliance
  - Integrated multimedia elements and AI features to increase user interaction time by 18%
  - Worked with marketing and design teams to implement SEO practices that increased site traffic by 40%
  - Conducted usability and functionality testing across 50+ test cases to ensure interface reliability

PROJECTS

Iron Pulse (Solo Developer)   Nov 2024 – Present

· Maintain and update 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.
· Integrated an AI-powered Gym Buddy assistant to generate personalized feedback and motivation tips.

ClearDose (Solo Developer)   Sept 2024 – Present

· Maintain and update a medication tracking iOS app using React Native, TypeScript, and Supabase.
· 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.
· Deployed to **TestFlight** for closed beta testing and user experience iteration.

Python Discord Music Bot   Nov 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, Java
Tools:	React Native, Firebase, NGINX, Git, SSH, Ubuntu, AsyncStorage, Expo
Certifications:	CompTIA A+, CompTIA N+, Microsoft MTA
Languages:	English, Pashto, Urdu
Security Clearance:	Eligible for U.S. Security Clearance
Work Authorization:	U.S. Citizen