

Humza Anwar Khan

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Objective

Final year B.Tech Computer Science student with experience in backend development and application security. I build authentication systems and APIs with a strong attacker's mindset, understanding how vulnerabilities like IDOR, authentication bypass, and API misconfigurations are exploited, and designing systems that defend against them. Actively practicing bug hunting on real-world applications with a focus on OWASP Top 10 and secure-by-design development.

EXPERIENCE

Backend Developer Intern — Shutter Troops

June 2025 – Sept 2025

- Designed and implemented secure authentication flows using Firebase, JWT & Express.
- Built protected APIs with strict access control and input validation.
- Implemented password reset workflows and production deployment pipelines.

Backend Developer — Sukhanvar Studio

Oct 2025 – Dec 2025

- Developed and maintained the production e-commerce website for lifestyle brand Sukhanvar.
- Managed independent development, bug fixes, feature updates and performance optimization.

Bug Bounty Hunter — Bugcrowd Platform

Feb 2025 – Dec 2025

- Tested real-world web applications for vulnerabilities including IDOR, authentication flaws & API misconfigurations.
- Performed reconnaissance and endpoint analysis using Burp Suite and manual testing techniques.

PROJECTS

Memento — Secure Memory & Notes Manager:

Built a privacy-focused application emphasizing secure authentication, strict access control and minimized data exposure.

Secure Auth Backend

Developed a security-first authentication system implementing JWT, Firebase Auth & CSRF protection.

SubEnum

Created a Python tool for extracting subdomains from wildcard scopes to assist in reconnaissance during penetration testing.

OneRecon

Built a Python automation tool to combine five critical recon steps into a single workflow for bug hunters.

SKILLS

Languages: JavaScript, Python, C

Backend: Node.js, Express, Firebase, Flask

Security: JWT, OWASP Top 10, Burp Suite, CSRF, Rate Limiting

Database: MongoDB

Tools: Git, GitHub, Postman, Render, Vercel
