

# AWAIS KHAN

Cybersecurity Student

## Contact

### Email

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### LinkedIn

<https://www.linkedin.com/in/awaiskx/>

## Education

### Bachelor of Cybersecurity

Ghulam Ishaq Khan Institute  
2023 - 2027

## Skills

- C++
- Python
- JavaScript (ES6+)
- HTML5 & CSS3
- SQL
- React.js
- Node.js
- Git & GitHub
- Linux / Bash Terminal

## Language

- English
- Urdu
- Pashto

## Projects

### CogniKids

Developed a React-based cognitive testing engine deployed on Vercel for children aged 6-14.

- Implemented an adaptive difficulty algorithm and executed a "Build-Measure-Learn" cycle
- Achieved a 98% test completion rate during field testing at a school conference.

### Adaptive Deception Mesh: Active Defense System

- Designed a dynamic cybersecurity defense layer using Python and Docker to deploy lightweight decoys that mimic critical network assets.
- Implemented a Moving Target Defense (MTD) mechanism that automatically rotates network topology and honeypots to deceive attackers in real-time.
- Successfully demonstrated reduced attacker dwell time and effectively logged lateral movement attempts during simulated red-team attacks.

### Corporate Web Portal

- Developed the official web interface for Wafi Energy Pakistan to facilitate customer access to lubricant pricing, schemes, and registration.
- Built a responsive frontend using React.js and CSS3, focusing on high-fidelity asset rendering to ensure strict adherence to corporate brand guidelines.
- Successfully delivered a polished digital experience that professionalized the post-acquisition rebranding from Shell Pakistan to Wafi Energy.

## Extracurricular

### Cultural, Dramatics & Entertainment Society

- Directed and wrote the script for the Annual Play, leading a cast and crew of 60+ students.
- Spearheaded the "All-Pakistan Event" as Liaison Sub-Head, coordinating with 12 universities and securing 200+ delegates.
- Previously: Assistant Director.