

# Ashar Amir

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## EDUCATION

### National University of Computer and Emerging Sciences, FAST

*Bachelor's degree in Software Engineering*

Islamabad, Pakistan

Aug. 2022 – Aug. 2026

## EXPERIENCE

### Freelance Developer

2020 – Present

*Self-Employed*

*Remote*

- Delivered high-quality, structured code ensuring client satisfaction by completing various freelance projects, including game and web development using SpringBoot, React, and Figma designs.

### GDSC — Game Development Officer

Aug. 2022 – Jun. 2023

*Google Developer Student Club, FAST*

*Islamabad, Pakistan*

- Participated in game development initiatives, organizing and conducting workshops and events, resulting in an increase in community engagement and skill development.

### Discord Bot Developer Intern

Jul. 2020 – Jan. 2022

*ZNotes*

*Remote*

- Developed the ZNotes Discord Bot Beta. Developed integrations between ZNotes Discord Server and Webapp.
- Assisted in content development on the Webapp and Moderated the community.

## PROJECTS

### NUCES Timetable Generator | *Python, Flask*

- Seamlessly generate timetable for your FAST NUCES courses, generated in real time from the NUCES Spreadsheet.

### Project Management System | *React, SQL*

- Developed a project planning, assignment and management system employing Agile and Scrum methodologies.

### TA Assignment System | *C#, Winforms, SQL*

- Developed a comprehensive system for managing Teaching Assistant requests and assignments.

### xTract Smmry | *Python, Flask, Javascript*

- Created a Chrome extension that generates summaries using Gemini API and exports them to Notion, enhancing workflow and productivity.

### Vehicle Detection System | *openCV, Flask*

- Implemented a vehicle counting and traffic control system with tabular report generation.

## TECHNICAL SKILLS

**Languages:** Python, C++, Java, JavaScript, C, SQL

**Web Development:** HTML, CSS, React, Flask

**Discord Development:** Discord API, discord.py

**Design Tools:** Figma

**Other Technologies:** MSSQL, MSWorkbench SQL, MongoDB, SceneBuilder, Unity3D, Gemini API

## TECHNICAL SKILLS

**Languages:** Python, C++, Java, JavaScript, C, SQL

**Frameworks:** React, Flask, Node, SpringBoot

**Tools:** Figma, MSSQL, MSWorkbench SQL, MongoDB, SceneBuilder, Unity3D, Gemini API, Firebase

**Other Technologies:** discord.py, openCV.py