

Abdurrehman Afridi

Software Engineer

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SUMMARY

Creative, detail-oriented, software engineer with a deep interest in AI. Proven track record of creating and implementing successful fullstack web applications. Looking to bring my skills to a tech company with global reach

WORK EXPERIENCE

- | | | |
|--|-------------|----------------------------|
| Computer Science Tutor: | <i>IIUI</i> | Jan 2020 - Feb 2021 |
| <ul style="list-style-type: none">• Tutored groups of over 30 students a day on core Computer Science principles• Presented talks on Programming Fundamentals, Object-oriented Programming, and Web Development• Worked to create a more inclusive CS community by working with faculty to provide free tutoring | | |
| Computer Science TA | <i>IIUI</i> | Sep 2020 - Feb 2021 |
| <ul style="list-style-type: none">• Assessed the work of over 30 students on code quality, proper design of OOP and project organization• Coached students on personal time to provide feedback on their assignments and projects | | |

PROJECTS

Program Office Aid (Final Year Project): [Live](#), [GitHub](#)

- A quality of life, convenient system built for students and staff of IIUI that streamlines repetitive manual tasks and eliminates 80% of manual labor giving a paperless process to get things done
- The platform enables students to submit their different forms, queries and feedback online and staff members can easily monitor and respond to submissions, broadcast messages/announcements and moderate the platform
- Technology Stack: **Python, Django, Htmx, Bootstrap, PostgreSQL**

Cartsnarc (Fullstack Web App): [Live](#), [GitHub](#)

- Built a full fledge ecommerce website in django, installed with all the modern ecommerce functionalities

AfridiWrites (Fullstack Web App): [Live](#), [GitHub](#)

- Developed a blog web app with functional user module to share random musings related to various topics
- Technology Stack: **Python, Flask, Django(Live), Bootstrap, PostgreSQL**

Other Projects:

- Worked on a variety of APIs to create programs like [ISStracker](#), [MyTopMovies](#), [Rainalert](#), [WorkoutTracker](#)
- Integrated a RESTful API into a [Cafe app](#), allowing users to perform CRUD operations and review cafes
- Composed, Designed and Hosted multiple websites as side projects which include [MySite\(GitHub\)](#), [BudgetApp\(GitHub\)](#), [pigGame\(GitHub\)](#) and many more

EDUCATION:

BS in Computer Science from IIUI	Sept 2018 – Sept 2022
O/A Levels from ASAS International School	Aug 2013 - Jul 2018

SKILLS

Programming Languages: Python, Javascript

Web Development Skills: Django, Flask, Web APIs, RESTful APIs

Software/Database Tools: Git, GitHub, Postman, Heroku, MySQL, PostgreSQL, MS Access

Concepts: Web Design, Data Structures & Algorithm Design, Object-Oriented Design, Relational Databases

Soft Skills: Time Management, Critical Thinking, Public Speaking, Flexible, Dedicated, Team Oriented