

# MOHAMMED ADIB

## Back-end Engineer

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🔗 [ADIB-the-NOOB](#)

## EXPERIENCE

Volunteer: Python support & Discord server administrator

### Programming Hero

📅 Jun 2021 – Jan 2023

- Provided technical support to over 500 beneficiaries of the Programming Hero program who required assistance with programming and operating system issues.
- Spearheaded the moderator team for the Discord community server, ensuring the successful management and growth of the server, and troubleshooting the coding issues faced by users.

## PROJECTS

### Project Jeetubhaia: A Mentoring App

**python, django, django rest framework, postgresql, docker, postman, git & github**

- Designed the database schema and created an Entity-Relationship Diagram (ERD) for the entire system.
- Implemented JWT authentication and other authentication endpoints, utilizing third-party APIs.
- Created CRUD operations for mentees' and mentors' profiles, enabling users to Create, Read, Update, and Delete their profiles.
- Integrated third-party APIs for authentication, enhancing system security and usability.
- Deployed the server in production on an Azure Virtual Machine, configuring NGINX and Gunicorn to optimize server performance and scalability.

### Shoppie Mart E-Commerce: An E-Commerce Backend (Personal Project)

**python, django, django rest framework, mysql, postman, git & github**

- Developed an ERD diagram and designed a database schema for the system.
- Implemented JWT authentication, Cart functionality, and designed the database schema.
- Created CRUD operations for products, orders, users, and categories with appropriate API endpoints, validation rules, and database queries.

### Simple Social Media Backend (Personal Project)

**python, django, django rest framework, sqlite3, postman, git & github**

- Designed and developed a small social media backend with a Reddit-like system, allowing users to post content and receive reactions from other users. The system includes features such as user authentication, post creation, comment sections, and voting mechanisms.

## EDUCATION

HSC, Science

### Comilla Govt. City College

📅 Jan 2023 – July 2024

SSC, Science

### Comilla Zilla School

📅 Jan 2017 – Sep 2022

## SKILLS

Python

CSharp

Django

Django Rest Framework

Flask

FastAPI

MySQL/PostgreSQL

Database Design

Linux

Bash

zsh

Docker

Git & GitHub

Microsoft Azure

SDLC

Team Leadership

Communication