

# Mehedi Khan

(Dhaka, Bangladesh)

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## Education

Bachelor of Computer Science & Engineering, 3rd year

Bangladesh University of Engineering and Technology (BUET)

Expected Graduation: 2026

Other Courses: [CS50X](#), [CS50W](#), [CS50AI](#)

## Experience

### Backend Engineer (December, 2024 - Present)

- I'm currently working remotely as a backend engineer at [Systemica Institut](#). It's a German based company that provides training to Psychiatrists. My current role includes developing a scalable File Processing API with Python & FastAPI.

### Freelance developer (2023 - 2024)

- I've been working as a freelance developer for the past year. I've made applications for small to medium scale businesses. Some of my clients include [Rantir](#), [ChaarChakka](#) etc.

### Open source contributor (2023 - Present)

- Working as an open source contributor in many small to large applications. I've contributed to enterprise level projects like [Apache Seata](#), [Edx Platform](#), [The Plone Foundation](#) and many more. Check out my [GitHub](#) to see other contributions that I made in the past.

## Skills

- **Programming Languages:** C, C++, Python, JavaScript, TypeScript, Java
- **Front-End Development:** HTML, CSS, JavaScript, TypeScript, React, Tailwind, Bootstrap, Chart JS
- **Backend Development:** Rest APIs, Django, Spring Boot, Flask, FastAPI, Docker, Kubernetes
- **Cloud:** DigitalOcean, Netlify, Firebase, PythonAnywhere.
- **Machine Learning (intermediate):** scikit-learn, TensorFlow, PyTorch, nltk
- **Tools & Others:** Git, Postman, Axios, VS Code, MS Word, Blender, Adobe PS, Adobe Premiere Pro

## Past Projects

### Vehicle Buy/Sell Platform | [Live Site](#)

(February, 2024 - March, 2024)

- I built the **backend** for ChaarChakka, a vehicle marketplace, using **Django Rest Framework, React, and TypeScript**. This production-grade project enhanced my skills in **scalability, performance, and API hosting on DigitalOcean**.

### Mentorship Platform | [Live Site](#)

(July, 2024 - October, 2024)

- I co-developed PathPhindr, a mentorship platform, with a teammate. It features **real-time messaging, AI-driven mentor matching, and payment integration**. Using **Spring Boot, React, and PostgreSQL**, I tackled challenges in **real-time features and AI recommendations**, ensuring scalability with **Docker** and **streamlining deployments via GitHub Actions**.

For other projects, visit my [website](#).