

# Akib Raihan

Bangladesh · Dhaka-1219 · Rampura · Banasree · Block-E · Road-09 · House-5.

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🌐 akib-raihan-portfolio.vercel.app

## Skills

<b>Programming Languages</b>	Python • JavaScript/TypeScript • Java • SQL
<b>Web Development</b>	React • Next.js • Express.js • Nest.js
<b>Data Science &amp; AI</b>	NumPy • Pandas • TensorFlow • Matplotlib
<b>Databases &amp; ORM</b>	PostgreSQL • MySQL • MikroORM • Prisma
<b>Tools &amp; Technologies</b>	Git • OpenCV • MediaPipe • JavaFX • PyGame
<b>Soft Skills</b>	Communication • Problem Solving • Teamwork • Adaptability
<b>Languages</b>	English (Fluent) • Bangla (Native)
<b>Other</b>	Project Management (Trello) • MS Office • Google Workspace

## Education

<b>BSc. In Computer Science</b>	Jan 2020-2023
INDEPENDENT UNIVERSITY, BANGLADESH(IUB)	CGPA: 3.84
<b>A Levels</b>	2019
CORDOVA INT'L SCHOOL AND COLLEGE	1A*, 2A
<b>O Levels</b>	2017
CORDOVA INT'L SCHOOL AND COLLEGE	4A*, 1A, 1B

## Projects

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2024 **Superteacher**, Developed a comprehensive platform for freelance teachers to create and manage multiple classrooms. Features include manual registration with unique codes for certified tutors, student management, and secure authentication. Built with NextJS frontend and NestJS backend, utilizing MikroORM and PostgreSQL for efficient data management.

**Github Links:**

Frontend: [github.com/akib-raihan-sazim/super-teacher-client](https://github.com/akib-raihan-sazim/super-teacher-client)

Backend: [github.com/akib-raihan-sazim/super-teacher-server](https://github.com/akib-raihan-sazim/super-teacher-server)

2024 **Fancy To Do**, Created a feature-rich task management application with advanced functionality. Key features include task creation/editing/deletion, priority setting, automatic sorting, completion tracking, undo/redo functionality, bulk actions, filtering options, and due date management. Implemented using NextJS for the frontend and NestJS with MikroORM and PostgreSQL for the backend.

**Github Links:**

Frontend: [github.com/akib-raihan-sazim/Fancy\\_To\\_Do](https://github.com/akib-raihan-sazim/Fancy_To_Do)

Backend: [github.com/akib-raihan-sazim/fancy-todo-server](https://github.com/akib-raihan-sazim/fancy-todo-server)

2023 **Personal Portfolio Website**, Developed a dynamic, responsive portfolio using Next.js, Tailwind CSS, Firebase, TypeScript, and Framer Motion. Showcases skills and projects while demonstrating proficiency in modern web development.

**View at:** [akib-raihan-portfolio.vercel.app](https://akib-raihan-portfolio.vercel.app)

2023 **Cat-Wiki Web Application**, Created an informative web app using Next.js, Firebase, and Tailwind CSS. Utilizes CatAPI to provide comprehensive information on various cat breeds, including top 10 searched breeds.

**View at:** [cat-wiki-akib.vercel.app](https://cat-wiki-akib.vercel.app)

2023 **UnSplash Gallery**, Developed a full-stack image gallery with React frontend and Node.js RESTful API. Features image uploading, searching, and deletion, using MongoDB Atlas for data storage. Responsive design with Tailwind CSS.

**Github link:** [github.com/Akib-Raihan-4/unSplash-Gallery](https://github.com/Akib-Raihan-4/unSplash-Gallery)

2023 **Face Recognition Attendance System**, Python application using real-time face recognition for automated attendance tracking. Allows users to mark attendance via webcam, demonstrating practical application of computer vision technology.

**Github Link:** [github.com/Akib-Raihan-4/Face\\_Recognition\\_Attendance](https://github.com/Akib-Raihan-4/Face_Recognition_Attendance)

2023 **Potato Plant Disease Detection**, Deep learning project using TensorFlow and Keras to detect Early Blight and Late Blight diseases in potato plants. Achieved 97% accuracy, showcasing skills in AI and agricultural technology.

**Github Link:** [github.com/Akib-Raihan-4/Potato\\_disease\\_prediction](https://github.com/Akib-Raihan-4/Potato_disease_prediction)

2023 **Laptop Price Prediction Model**, Developed and compared multiple machine learning models (including Linear Regression, Random Forest, XGBoost) to predict laptop prices. Focused on data preprocessing and model evaluation to ensure reliable predictions.

**Github Link:** [github.com/Akib-Raihan-4/Laptop-Price-Prediction](https://github.com/Akib-Raihan-4/Laptop-Price-Prediction)

## Experience

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### Sazim

#### WEB DEVELOPER INTERN

July 1st, 2023 - Present

- Learning and applying NextJS and NestJS frameworks
- Working with Mikro ORM for database management
- Utilizing Trello for project management
- Advancing GitHub skills to an intermediate level
- Implementing clean code practices in development

### Anchorblock Technology LLC

#### QUANTITATIVE ANALYST

Nov 15th, 2023 - Dec 15th, 2023

- Financial analysis on different stocks
- Building strategies for back-testing on stocks
- Building AI models for price predictions

### ADN DIGINET LTD.

#### ARTIFICIAL INTELLIGENCE: TRAINEE SOFTWARE ENGINEER

May 7th, 2023 - July 31st, 2023

- Building AI Models
- Implementing AI Models on Projects

## Awards

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### AWARDS

- 2017 **Daily Star Award In O'Levels**, Cordova Int'l School And College
- 2019 **Daily Star Award In A'Levels**, Cordova Int'l School And College
- 2020 **Dean's List**, IUB
- 2021 **Vice Chancellor's Honour List**, IUB