

Md. Shafayat Hossain

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Academic Credentials

B.Sc in Computer Science & Engineering

CGPA: 3.64 (out of 4.00)

East West University, Dhaka, Bangladesh

September, 2019 - September, 2023

Work Experience

- **Graduate Teaching Assistant (September 2023 - June 2024)** : Worked as a GTA in East West University. Helping professors and students in their research & teaching students.
- **Software Engineer [Full-Stack] (June 2024 - Currently)**: Working as a full-stack developer but am currently focused on frontend web development at SynapTech, where I create ERP solutions and SaaS platforms for the garment industry.

Projects

- **SkillUp [MySQL, React.Js, Node.Js, Express, Prisma, Tailwind CSS, HTML]**:
 - An online platform for people to learn about different educational topics similar to datacamp, udemy etc. People can apply as teachers to teach their courses and students can enroll the courses to learn. **Link:** [Github Link](#)
- **KormiSheba [Django, Bootstrap, CSS, MySQL, HTML]**:
 - An online freelancing platform for workers where they offer their services for people to hire. It is similar to Fiverr and sheba.xyz but for workers. **Link:** [Github Link](#)
- **Check more on my Github:** [Shafayat1777](#)

Technical Skills

- **Programming Languages:** JavaScript, HTML, CSS, Python, SQL, PHP, C++.
- **Frameworks:** React.Js, Next.js, Node.Js, Express, MERN, Django.
- **Tools:** Git, VSCode, Google Colab, Google Sheet, Google Doc, Android Studio, Apache Spark.
- **Operating System:** Windows, Linux

Co-curricular Experience, Awards & Achievements

- **Scholarship:** Received Medha Lalon (Dean's List) Scholarship
- **Certificates:** [NACTAR Android App Development](#)
- **Competitions:** Top 20 finalist in [Robi Datathon 3.0](#)

Research Experience & Publications

- Comprehensive dataset of annotated rice panicle image from Bangladesh, DatainBread, [Journal][[Link](#)].
- A Deep Reinforcement Learning Framework for Reducing Energy Consumption of Server CoolingSystem, ICO-2023 [Publication] [[Link](#)].

- DeepCONVSVM: A Comprehensive Model for Detecting Disease in Mango Leaves, IBDAP-2023 [Publication][[Link](#)].
- Image Processing and Deep Learning Based Road Object Detection System for Safe Transportation [Publication] [[Link](#)].