


MD HUMAYUN KIBRIA SHAKIB

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Education

University of Hertfordshire

MSc in Artificial Intelligence and Robotics

Leading University

BSc in Computer Science And Engineering

Present

London, Hatfield, England

Feb 2018 – July 2022

Sylhet, Bangladesh

Experience

LIILab

March 2021 – January 2022

Junior Software Engineer

Sylhet, Bangladesh

- Developed a dynamic product page using Django ORM, enabling users to customize PC components, resulting in a 25% increase in user engagement.
- Designed and implemented an intuitive user interface with HTML and CSS, improving the overall user experience and reducing bounce rate.
- Utilized Django's MVT architecture to create maintainable and scalable code, facilitating faster feature additions and reducing development time.

Technical Skills

Languages: Python, C++, TypeScript

Back-End: Django REST, FastAPI

Front-End: React JS, Next JS, Tailwind, Redux, Redux Toolkit, Zustand

DataBase: MySQL, SQLite, FireBase, SupaBase

Testing: Unit Testing, ViTest

Tools and Concepts: Git, Algorithms, Data Structure, OOP, System Design

Projects

Luxhaven(Backend) | *Python, Django, Django REST*


- Architected and developed a scalable e-commerce backend system, handling 1000+ concurrent users
- Implemented secure user authentication, product management, cart functionality, and order processing
- Utilized Django ORM and RESTful APIs to optimize database queries, reducing response time.

Issue Tracker | *TypeScript, Next, Prisma, tailwind, NextAuth, React Query, Zod, Railway, Vercel*

- Built a full-stack issue tracking application with Google authentication and markdown support
- Implemented real-time updates using React Query, improving user experience and reducing data inconsistencies.
- Deployed the application on Vercel with a MySQL database on Railway.

Problem Solving

Codeforces: SPECIALIST, Max Ratings: **1543**, Handle:  **Bohemian**

CodeChef: 4*, Max Ratings: 1938, Handle:  **hkshakib**

International Collegiate Programming Contest: ICPC ID

Solved More than **3000** problems on different online judges

Achivement

- Participated in ICPC Dhaka Regional 2021(BUBT).
- Two Times Intra University Programming Competition Champions(2018, 2020)
- Top 6 in Bangladesh, LUZeroIQ, IEEE Extreme 14.

Leadership And Volunteering

Programming Trainer | *LU ACM Community*

- Conducted workshops on advanced problem-solving techniques, training 50+ students.
- Developed comprehensive problem sets for local programming contests

ACM Programming Lead | *Leading University Programming Club*

- Organized and managed 5+ university-wide programming contests with 200+ participant
- Mentored 20+ junior programmers, improving their contest performance