

# Kazi Ehsanul Mubin


Software Engineer

in [kazi-mubin](#)

 [Mubin42](#)

 [kazimubin.dev](#)

 [kazimubin.46@gmail.com](mailto:kazimubin.46@gmail.com)

 +8801334681101

## 🎯 Career Objective

- With over two years of experience in software development, I thrive on the challenges of crafting new and amazing things. My background includes a diverse range of projects where I've tackled various problems and honed my skills in programming and software development.

## ⚙️ Skills

**Backend Development:** TypeScript • JavaScript • Nest.js • Node.js • Express.js • JWT

**Frontend Development:** React.js • Next.js • Redux Toolkit & RTK Query • Chakra UI • Tailwind & Shade/cn

**Databases:** MongoDB • PostgreSQL & Prisma • MySQL

**Tools:** Vercel • Git • GitHub • Heroku • NPM • AWS S3

**Miscellaneous:** Data Structures • Algorithms • OOP • Functional Programming • Computer Vision • Teaching • MVC

## 📁 Experience

### Zolo Inc

Software Engineer

June 2024 – Present

Dhaka, BD

- Design and implement new front and backend features, including API creation and database management.
- Ensure seamless integration between backend services and frontend UI, while maintaining code quality and performance.

### Thinkcrypt.io

Software Engineer

Feb 2024 – May 2024

Dhaka, BD

- Accountable for developing, deploying, and maintaining web applications as well as improving the company coding rulebook and ethics.
- Worked developing single and Multi-vendor E-commerce applications, flight, and ticketing, POS and inventory management, CMS and ERP systems.

Jr. Software Engineer

Jun 2023 – Jan 2024

- Develop both frontend and backend aspects of web applications using Next.js and Express.js.
- Work on diverse features, including improving and extending existing codebases, and undertaking new project development from inception.

### happycoders.io

Coding Instructor (Part-Time)

Jun 2022 – Present

Dhaka, BD

- Teach Python and Scratch Programming, fostering a strong foundation in programming concepts to k2-k12 students.
- Taught over 100+ students.

## 🎓 Education

### Brac University

BSc in Computer Science and Engineering, GPA: 3.66 out of 4.00

2018 – 2022

Dhaka, BD

## Projects

### **Dokan - A Shopify Inspired Ecommerce (Nest.js | Next.js | Shade/cn)**

[GitHub..](#)

- \* A Shopify inspired SAAS system, currently in development as a side business
- \* Unified backend to support all stores subscribe in the system
- \* Each e-commerce will have its own individual users, customers, product and e-commerce frontend application
- \* Goals: E-commerce tool, client websites for e-commerce, admin dashboard for stores

### **Bazar365.com (Next.js | Chakra UI | Framer Motion)**

[Production](#)

- \* A umamicart inspired E-commerce with immense potential
- \* Implementation of dark mode throughout the website
- \* Integration of Magento, SSL

### **ShohozAir Backend (Express.js | MySQL and Sequelize | Joi)**

[Production](#)

- \* Integrated third-party flight API services
- \* Developed advanced flights data filtering, and dynamic markup system and payment pipeline, as well as flight, booking, rescheduling and payment system.
- \* Developed both backend and admin CMS for the system

### **Problem Solving ( [LeetCode](#) | [HackerRank](#) )**

- \* Consistently solved numerous problems on these platforms, showcasing strong analytical and coding skills
- \* Developed expertise in various topics, including hashmaps, data structures, and arrays, through tackling a wide range of problems

## Research

### **A Comparative Study of Machine Learning Classifiers for Speaker's Accent Recognition**

07-10 Jun 2023

*IEEE World AI IoT Congress 2023 (IEEE-AIIoT 2023)*

- \* Worked under the supervision of [Md. Golam Rabiul Alam, Ph.D.](#) and [Md Tanzim Reza](#) to create a comparative study on recognizing speaker's accent by using neural network and signal processing.

### **Decentralized Federated Learning and Deep Learning Leveraging XAI-Based Approach to Classify Colorectal Cancer**

16-19 Dec 2022

*Undergraduate Thesis, The 9th IEEE Asia-Pacific Conference on Computer Science and Data Engineering 2022 (IEEE-CSDE 2022)*

- \* Worked along with [Junayed Rahman](#) and under the supervision of [Asst. Professor Md. Ashraful Alam, PhD](#) to study the feasibility of a decentralized and distributed approach to train CNN models to classify and detect tissue anomalies to detect cancer

## Awards & Achievements

### **Academic Distinction**

*BRAC University*

*Jan 2018 – Dec 2022*

- \* 2 x VC's List and 3 x Dean's List

### **VC's Certificate**

*Dec 2018*

*BRAC University, Issued by S.N. Kairiy*

- \* Based on semester GPA and discipline, students are placed on VC's List, published based on the residential semester, in recognition of an undergraduate's outstanding academic performance.