



# MD. AL-EMRAN

## Software Engineer (Backend)

**Mobile:** +880 168-596-6035

**Email:** ibnshayed@gmail.com

**Portfolio:** <https://ibnshayed.github.io/>

**Address:** Banani, Dhaka, Bangladesh

## ● ABOUT ME

I am very passionate about web development. I am also interested in Artificial Intelligence, Machine Learning, Robotics, and so on. As a backend developer, I have adept at contributing to the highly collaborative work environment, finding solutions, and determining customer satisfaction. Designed and developed web applications across multiple APIs, third-party integrations, and databases. Passionate and hardworking with a penchant for developing customized interfaces that factor in unique demands for accessibility, reachability and security.

## ● EXPERIENCE

**Software Engineer (Backend), Jatri** 2021-08 - present  
Banani C Block 4/57, Dhaka, Bangladesh.

Visit the Jatri website: <https://www.jatri.co/>

Jatri is a public transport journey planner, digital ticketing, fleet management, and mobility marketplace, driving productivity by helping drivers to offer reliable transport to commuters through our state-of-the-art technology. Transportation has been a major pain point for the people of Bangladesh for many years, and we aim to eradicate these issues with cutting-edge technology. Here my responsibility is to give a better Back-End solution as a Backend Developer. I also did some projects in React.js, Vue.js, and Nuxt.js.

### Backend Projects:

1. Jatri Intercity
2. Jatri Online Ticketing System

### Frontend Projects: using React.js, Vue.js, and Nuxt.js:

1. Jatri Intercity (Admin Panel)  
Link: <https://intercity-v4.jatri.co/>
2. Jatri Rental  
Link: <https://rental.jatri.co>
3. Jatri Intercity
4. Brtc Online Ticketing System( Govt. Project )  
Link: <https://ticketing-brtc.gov.bd/>
5. Jatri Online Ticketing System  
Link: <https://ticket.jatri.co/>

**Junior Software Engineer** 2021-06 - 2021-07  
Bluebay IT Limited

Sani Akhra, Jatra Bari, Dhaka, Bangladesh.

Here, my responsibility is to build a fully dynamic multi-vendor E-Commerce solution from scratch. I have designed the database and developed the back-end with Python, Django, Django Rest Framework.

- <http://bluebayit.com/>

**Internship (4 Months)** 2020-07 - 2020-10  
Oushod Sheba  
Sector 1, Uttara, Dhaka, Bangladesh.

I worked here about Four (04) months as an intern. Mainly I worked with ReactJS based Oushod Sheba's Admin Portal Website, NextJS based e-commerce website, pure HTML, CSS, SCSS and JavaScript-based website.

- <https://oushodsheba.com/>

## ● EDUCATION

**SOUTHEAST UNIVERSITY ( 2017 - 2020 )**  
Banani, Dhaka, Bangladesh  
B.Sc. in CSE | CGPA: **3.74** / 4.00

**SIRAJ MIA MEMORIAL MODEL SCHOOL ( 2013 )**  
Middle Badda, Dhaka, Bangladesh  
SSC - Secondary School | GPA: **4.94** / 5.00

**DHAKA IMPERIAL COLLEGE ( 2013 - 2015 )**  
Aftab Nagar, Dhaka, Bangladesh  
HSC - Higher Secondary School | GPA: **5.00** / 5.00

## ● TECHNICAL SKILLS

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### PROGRAMMING LANGUAGE

JavaScript, TypeScript, Python, Java, C/C++

### BACKEND FRAMEWORKS:

Node.js, Nest.js, Express.js, Fastify.js,  
Django, Django Rest Framework, Flask, FastAPI,  
Spring Boot 2, Socket.io

### FRONT-END FRAMEWORKS:

Vue.js, Nuxt.js, React.js, Redux, Next.js, Tailwindcss,  
Material UI, Ant Design, Bootstrap 5, HTML, CSS,  
SCSS, JQuery, AJAX

### MOBILE APP:

React Native

### DATABASE:

MongoDB, MySQL, SQLite, PostgreSQL

### DEV OPS:

Docker, Kubernetes, Nginx, Linux

### MICROSERVICES:

RabbitMQ, Redis

### MACHINE LEARNING:

Pandas, NumPy, Scikit-Learn, Matplotlib

### PROBLEM SOLVING:

<https://www.stopstalk.com/user/profile/ibnshayed>

## ● PERSONAL PROJECTS

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**GitHub:** <https://github.com/ibnshayed>

**E-Commerce App:** Django, DRF, JWT Auth, Reactjs, Redux, Material-Ui

This is a single e-commerce solution with JWT authentication, add to cart, order with Paypal integration, user can see his previous order, profile and can change password.

**Live:** <https://ecommerce-django-reactjs.herokuapp.com/>

**Code:** <https://github.com/ibnshayed/E-Commerce-Django-and-Reactjs>

### Web Design

HTML, CSS, SCSS, Bootstrap, JavaScript, jQuery

These are all fully responsive websites. I maintain proper use of flexbox, grid, scss for styling. This website shows my web design skills.

- <https://ibnshayed.github.io/LoopLab/>
- <https://ibnshayed.github.io/Glozzom/>
- <https://ibnshayed.github.io/Mizuxe/>

### Dhaka Ideal School Website

- <https://ibnshayed.github.io/School-Website/>

### Construct - PSD to HTML ( Client Project )

- <https://ibnshayed.github.io/construct/>

## ● REFERENCE

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- **Monirul Hasan**

Senior Lecturer, Southeast University  
Linkedin: @monirul-hasan

- **Mr. Mahbub Hasan**

Lecturer, Southeast University  
Linkedin: @mhmidul