



# MD Shamim Al Mamun

+60168564677

shamimlammamun.aiub@gmail.com

[linkedin.com/in/shamim-al-mamun](https://www.linkedin.com/in/shamim-al-mamun)  
[github.com/shamim-al-mamun](https://github.com/shamim-al-mamun)  
[mamun.my](http://mamun.my)

Kuala Lumpur, Malaysia

## Objective :

Experienced and self-motivated IT professional with over five years of experience in full-stack web development, specializing in JavaScript, React, Vue, PHP, Laravel, HTML and CSS. Seeking an opportunity to enhance web development skills and contribute to an innovative environment.

## Experiences :

### Guildford Integrated Systems SDN BHD

Software Developer

October, 2024 – Present

#### Key Responsibility:

- **Developing interactive LRT station maps** with **React.js** providing real-time updates, intuitive user interfaces, and seamless integration with station systems.
- **Implementing server-side microservices-based** signaling systems using **NestJS**, ensuring efficient data transmission and communication between various LRT (Light Rail Transit) stations with high performance, scalability, and reliability.
- **Processing and transforming images** into structured data for analysis or further computational use, employing advanced algorithms for optimized performance.
- **Migrating databases from PostgreSQL to MySQL** ensuring data integrity, compatibility, and optimized performance during and after conversion.
- **Creating comprehensive API documentation** using **Swagger** to detail endpoints, data structures, and usage guidelines for developers and stakeholders.
- **Implementing real-time communication** between LRT stations and control systems using WebSockets and Socket.IO, enabling instant data exchange for operational efficiency.

### GetUp Limited, Bangladesh

Software Engineer

April, 2019 – September, 2024

#### Key Responsibility:

- Developing responsive websites using front-end frameworks such as **Next.js** and **Nuxt.js**, along with APIs to ensure seamless functionality.
- Building various types of **Point of Sale (POS)** and **CRM** systems utilizing **Angular** or **Vue 3** to enhance retail and transactional operations.
- Designing and developing back-end systems for **E-commerce** platforms using **Node**, ensuring robust and scalable solutions.
- Creating comprehensive **MySQL**, **PostgreSQL** database structures for **Laravel**-based projects and implementing **NoSQL** MongoDB solutions for **Node.js** projects, optimizing performance and scalability.
- Using version control systems, such as **Git**, to manage and track changes in the codebase efficiently.
- Integrating and configuring international payment gateway systems, including **bKash**, **Nagad**, **PayPal**, and **Google Pay**, for secure and seamless e-commerce transactions.
- Leveraging **Amazon Web Services (AWS)** to deploy and manage scalable cloud infrastructure, optimizing both performance and cost efficiency.
- Implementing containerization with **Docker**, enabling consistent environments for development, testing, and deployment processes.
- Managing projects effectively using tools like **JIRA**, **Asana**, and **Trello** to ensure clear communication, task tracking, and timely milestone delivery.

## Technical Skills :

**Programming Languages:** C, C++, C#, .Net, PHP, JavaScript(TypeScript), Python

**Frameworks:** React(Next), Jest (JavaScript), Vue(Nuxt), Angular, Laravel (PHP), Express (Node)

**Database:** MySQL, PostgreSQL, Oracle, MongoDB

**Web Servers:** Apache, NGINX

**Platforms :** AWS, Docker

**Web Hosting:** Cpanel, Hpanel, Webuzo

**Tools:** Git, Postman, Trello, Asana, JIRA

## Projects :

### ☐ E-commerce ([GM Print Solution](#))

I built the front-end design using Next JS, Redux, Bootstrap 5, TypeScript and Ajax. And admin panel using Laravel

**Admin Link:** <https://admin.getcommerce.xyz/login>

**User:** admin@gmail.com

**pass:** 12345678

### ☐ Online / Offline POS ([Vue 3 Pos](#))

My main role was to implement the system so that it runs both online and offline. The technologies I used here VUE 3, Pinia, PWA, Bootstrap 5, JavaScript, Ajax and database PostgreSQL, Localforage

### ☐ Business Portfolio ([Biznify](#), [Edufy](#))

It is a static website for business portfolio. I built the front-end using React JS. For designing I used Bootstrap 5 and css.

### ☐ Generic site for High School ([E-school](#))

I designed database and built the front-end design using ReactJS, Redux, Bootstrap 5, TypeScript and Ajax. And also implemented admin panel using Laravel

### ☐ Matrimonial Website ([Get Married](#))

Get Married is a comprehensive wedding planning platform designed to assist couples in organizing their special day.

**Admin Link:** <https://matrimony.muskantechnologies.store/>

**User:** admin@gmail.com

**pass:** 12345678

### ☐ E-commerce ([Fresh Cart](#), [feimo.com](#), [gadgetatoz.com](#))

It is an e-commerce website for groceries items. I design MySQL/ PostgreSQL database, built API's and integrated all the API's getting from the back-end. I built the front-end using, React JS, Bootstrap 5. For state management I used Context API.

**Admin Link:**

<https://emart-admin.muskantechnologies.store/login>

**User:** admin@gmail.com

**pass:** 12345678

### ☐ CRM (Angular)

It is a CRM website for internet service provider. I built the backend using Laravel and integrated all the API's getting from the back-end. I built the front-end using Angular, Bootstrap 5. For state management I used Service-Based State Management.

## Open Source Projects :

### ☐ Easy Food Restaurant (Delivery)

It is a restaurant food buy and sell website.

**Language/Framework** – React, Redux, Redux toolkit, tailwind 3, JavaScript and Node, Express

**Database** - MongoDB

**Link** – <https://easy-food.netlify.app>,

<https://github.com/Shamim-Al-Mamun/Easy-Food-MERN-STACK>

### ☐ Escape Plan (Tourism)

It is a tourist showcase website.

**Language/Framework** – React, Redux, Redux toolkit, tailwind 3, JavaScript and Node, Express

**Database** - MongoDB

**Link** -

<https://github.com/Shamim-Al-Mamun/Escapeplan-Tour-MERN-STACK>

### ☐ Daily Mirror (Blog)

It is a blog posting website. There is a system to like comments options for every posts.

**Language/Framework** – React, React Bootstrap, Framer motion, JavaScript and Node, Express

**Database** - MongoDB

**Link** –

<https://github.com/Shamim-Al-Mamun/Dailymirror-Blog-MERN-STACK>

### ☐ Gear and Go (E-commerce)

It is an ecommerce website for fashion items.

**Language/Framework** – Vue, Bootstrap 4, JavaScript and Laravel

**Database** - PostgreSQL

**Link** -

<https://github.com/Shamim-Al-Mamun/Go-Gear>

## Educations :

### City University Malaysia

Kuala Lumpur, Malaysia

Masters In Information Technology

### American International University Bangladesh (AIUB)

Dhaka, Bangladesh

Bachelor of Computer Science And Engineering

### Notre Dame College (NDC)

Dhaka, Bangladesh

Higher Secondary School Certificate

### Savar Cantonment Public School And College

Dhaka, Bangladesh

Secondary School Certificate