

# G M Shaheen Shah Shimon

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📍 Johor Bahru, Malaysia 🌐 Github in LinkedIn 📅 05/10/2003

🇬🇧 Bangladeshi



## Education

**Universiti Teknologi Malaysia (QS Ranking 188),** 10/2020 – 06/2024  
*Bachelor of Computer Science (Software Engineering)* [🔗](#) Johor Bahru, Malaysia  
CGPA: 3.76/4.00, Five consecutive Dean List Award  
Final-year Project: Jom Tapau - website (System Development)

**South Herald English School and College,** 11/2017 – 11/2019  
*General Certificate of Education A'Level* [🔗](#) Khulna, Bangladesh  
The A-level is a subject-based qualification conferred as part of the General Certificate of Education, as well as a school-leaving qualification offered by the educational bodies in the United Kingdom

**Rosedale International English School and College,** 06/2017 – 10/2017  
*General Certificate of Education O'Level* [🔗](#) Khulna, Bangladesh  
The O-Level is a subject-based qualification conferred as part of the General Certificate of Education. It began in the United Kingdom and has been adopted, often with modifications, in several other countries.

## Professional Experience

**Infinity Wave Sdn Bhd., Frontend Developer (Internship)** [🔗](#) 08/2023 – 02/2024  
Johor Bahru, Malaysia  
- Project: FOX Asset Management, FOX Project Management  
- Technology: **Reactjs, Redux, Tailwind, Bootstrap, Docker, Postman**

**Google Developer Student Club, UTM, Head of Development Team** [🔗](#) 10/2023 – present  
Johor Bahru, Malaysia  
Leading my development team involves guiding us through learning curves and coordinating various workshops. Together, we strive for continuous improvement and collaboration.









**Jom Tapau, Full Stack Developer** 10/2022 – present  
Johor Bahru, Malaysia  
Appointed as a full-stack developer, I tackle both frontend and backend tasks, crafting user interfaces and architecting robust APIs. From frontend design to backend schema, I'm immersed in every aspect of development.

## Ongoing Publications

**Test Case Minimization, G.M. Shimon, K.M. Sujon** 01/2024  
The study compares test minimization methods to find the best one for a specific application, considering factors like software complexity and available resources. The aim is to achieve optimal test coverage while minimizing time and resources.

## Awards

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<b>Outstanding Student Consolation Prize,</b> <i>Malaysia Digital Economy Corporation (MDEC)</i> 	03/2024
Delighted to announce I've won the Outstanding Student Consolation Prize from Malaysia Digital Economy Corporation (MDEC), competing among 16+ Premier Digital Tech Institutions (PTDI) across Malaysia! Grateful to represent UTM's Faculty of Computing and showcase our innovation. Thanks for the support!	
<b>Top 10 Finalist DevHack 2023,</b> <i>Google Developer Groups George Town</i> 	09/12/2023
<ul style="list-style-type: none"><li>- Project: BillsGo - All-in-One Utility Bill Payment &amp; Collection App</li><li>- Technology: <b>React Native, Nodejs, React Router, React Paper</b></li></ul> I developed a system using <b>React Native</b> , creating an innovative solution for efficient utility bill payment and collection processes.	
<b>1st Runner Up place at MyRapid Bus X UTM Data Hackathon 2023,,</b> <i>MyRapid KL</i> 	09/10/2023
Project: MaintainIQ - Smart Maintenance Management System with AI <ul style="list-style-type: none"><li>- I led the development of automated preventive maintenance and inventory management systems for MyRapid Bus company.</li><li>- Technology: <b>ReactJS, Bootstrap, CSS, Pandas, Matplotlib, NumPy, Netlify</b></li><li>- Demo </li></ul>	
<b>Champion For ElectreCup at ESTECH 2023,,</b> <i>UTP</i> 	22/08/2023
Project : Deep Port Vision - A Smart Container Management System with AI	
<b>The Edison Award,</b> <i>Persaka UTM</i> 	06/2023
Honored to win the Edison Award at the Computing Gala23! Recognized for academic excellence and competition success. Grateful for the support. Ready to innovate further in computing!	
<b>Champion at Microsoft APAC AI for Accessibility Hackathon 2023,,</b> <i>Microsoft, UTM</i> 	06/2023
Project: A-EYE - Object Detection for the Blinds <ul style="list-style-type: none"><li>- Designed and developed the device using Microsoft Azure Custom Vision to assist blind individuals in detecting objects.</li><li>- I used the YOLO 5 algorithm to detect the object and using Python speech library voice message was given.</li></ul>	
<b>Top Winners at MRANTI Wed Design Challenge 2023,</b> <i>Malaysian Research Accelerator for Technology &amp; Innovation(MRANTI)</i> 	07/2023
Project: Deep Port Vision - A Smart Container Management System with AI. <ul style="list-style-type: none"><li>- Initiated the collaboration with one of the leading ports in the world by introducing this deep learning-based project.</li></ul>	
<b>Top 24 at LaunchX,</b> <i>Sunway iLabs</i> 	03/2023
Project : Jom Tapau - Pre Order Food Delivery App	

**First Place at Artificial Intelligence and Machine Learning Innovation Challenge, 2022, UTM Centre For Student Innovation & Technology Entrepreneurship (UTM XCITE)** [🔗](#)

01/2023

Project : A-EYE : Object Detection for the Blinds

**First Place Winner at FC Tech Startup'23, Faculty of Computing UTM** [🔗](#)

In my role as Development Head, I led the development of the "Jom Tapau - Pre Order Food Delivery App," a prize-winning tech startup concept. Our team secured the first position in the FC Tech Startup'23 competition, surpassing 54 groups and 16 finalists.

**Top Winners Hacktitude Malaysia, Hacktitude Malaysia**

02/2023

Facing off against 50 teams, we dove into debugging a developed website, meticulously solving issues and rigorously testing against predefined cases.

**4th Placement in Coding King Competition 2023, UTP** [🔗](#)

02/08/2023

Working as a team of four, we tackled a set of 12 problems using Python. While we fully solved one problem, we made significant progress on another, showcasing our collaborative problem-solving skills.

## Skills

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- Reactjs, Nodejs, Expressjs, Python, C++, Java
- Numpy, Scikit Learn, Pandas, Matplotlib
- GitHub, Docker, Figma, Jira, Clockify, Postman, MongoDB CLI

## Languages

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English • Bangla

## Projects

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**INVENTORY MANAGEMENT-BACKEND-SERVER- SITE** [🔗](#)

03/2023 – present

- It's an inventory store where all the data of stores, stocks, and products are stored in MongoDB. It provides several API to store, retrieve, delete, and filtrate data. It follows the MVC architecture.
- Technology: **Nodejs, Expressjs, Multer, bcryptjs, validator, MongoDB, Mongoose, Validator, nodemon, JWT, Github**

**ReWaste-Empowering Sustainability: Turning Waste into Power, Together.**

01/2024 – 02/2024

- ReWaste in Malaysia addresses underutilized agricultural waste by connecting sellers with power plants through an online bidding platform. AI tools streamline listing management and provide quick price estimates based on waste pictures, optimizing the auction process for sustainability.

- Technology: **Reactjs, Tailwind CSS, DaisyUI, React-Router, React-icons, Lucide, Nodejs, MongoDB, Mongoose, Firebase, Expressjs**
- Code-Link [↗](#)

### **AgriSmart -AI-driven, all-in-one tool for beginner farmers** [↗](#)

03/2024 – 04/2024

- Our personalized dashboard consolidates all your farming data in one place. With real-time soil tracking, computer vision, and IoT sensors, stay informed about soil conditions, crop growth, and equipment status. Make data-driven decisions for optimal crop health and yield, effortlessly manage seed inventory, and ensure farming equipment readiness for operations.
- Technology: **Reactjs, Tailwind CSS, DaisyUI, React-Router, React-icons, Lucide, Nodejs, MongoDB, Mongoose, Firebase, Expressjs, TensorFlow, Sonner**
- Client-Site [↗](#)
- Server-Site [↗](#)

### **JOM-TAPAU PRE FOOD DELIVERY-WEBSITE** [↗](#)

- JOM TaPAU App is a Pre-order food delivery platform. It helps university students and working adults to afford cheaper food delivery meals and services.
- Technology: **Reactjs, React-Router, Nodejs, React- Bootstrap, Expressjs, MongoDB, Stripe, Firebase, Github, Clockify, PDF-generator, imageBB, Netlify, Render, Mongoose.**
- Client-Site [↗](#)
- Server-Site [↗](#)

### **BLUESTONE FOOD SUPPORT**

06/2022 – 07/2022

- The system facilitates donations and volunteering, with features for ordering and delivering food and donating money or leftover food items. It's designed using Object-Oriented concepts.
- Technology: **JAVA (OOP Concept)**
- Code-Link [↗](#)

### **Jobbox-Redux-Project**

03/2024 – present

- This system serves as a platform for companies to post job listings, which candidates can then apply for. Additionally, candidates can track the status of their applications. While the system has already been developed, I am currently in the process of implementing the redux toolkit to enhance its functionality.
- Technology: **Reactjs, React-Router, TailwindCSS, React-Redux, RTK Query, Nodejs, Express, MongoDB**
- Code-Link [↗](#)

### **MEAL-WEBSITE** [↗](#)

08/2022 – 09/2022

- The project is to create a user-friendly website using ReactJS and Tailwind CSS that allows users to search for and retrieve information about different types of foods through a third-party API.

- Technology: **Reactijs, TailwindCSS, React-Router, Font- awesome icon, Netlify, GitHub**
- Code-Link [↗](#)

### **E-recruitment system,**

01/2022 – 03/2022

*Data Structure and Algorithm into a real-world situation(C++)* [↗](#)

- The applicant applies through a job portal and then the hiring panel receives the applications. They check the resumes and documents and select the applicants that can be sent to the HR manager.
- Technology: **Stack, Queue**

## **Certificates**

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Hacktitude [↗](#) • **CODE ON WEEKEND: PYTHON** [↗](#) (PERSAKA)

**Complete Web Development Course With Jhankar Mahbub** [↗](#) (Programming Hero)

## **Extra curricular Experience**

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**International Student Society of Bangladesh UTM,**

01/2024 – 12/2025

*General Secretary* [↗](#)

I work to strengthen our community academically, fostering skill development among students and expanding our social activities. I aim to represent our country internationally, beyond just UTM.

## **References**

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**Ts. Dr. Johanna Binti Ahmad Senior Lecturer,**

*Faculty of Computing, Software Engineering Universiti Teknologi Malaysia*  
johanna@utm.my