NAJMUL HOQ

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About

Passionate about learning new things and being up to date with the latest technologies.

Work Experience

Assistant Manager/Software Engineer Giga Tech Limited	Feb 2024 - Present
Software Engineer Patrons Venture Limited	Dec 2023 – Feb 2024
Specialist, Software Engineering Shuttle Technologies Limited	Jun 2024 - Nov 2024
Intern, Software Engineer Shuttle Technologies Limited	Jan 2024 - May 2024

Packages

1. A PHP package to generate and verify which is pub.php-pack

Projects

1. TalkGPT: TalkGPT is an iOS and Android app designed to enhance users' conversational skills through audio interactions. With TalkGPT, users can engage in simulated conversations similar to ChatGPT, receive feedback on their performance, and access their chat history for review. The app also offers specialized features for interview preparation and travel scenarios, making it a comprehensive tool for improving communication abilities in various contexts.

2. Mekumi(EdTech): Mekumi is an online platform designed for managing courses, assignments, and user roles in an educational context. The system was developed based on initial designs provided by Mekumi, with additional roles and functionalities added over time. The main roles in the system include Superadmin, Teachers, Students,Principal,Course Designer and VLT. Corely contributed to the USA and Japan-based online educational platform Mekumi Ed. #PHP #Laravel #Vue.js.

3. IFIC EKYC(FinTech): Developed the onboarding system for IFIC Bank, focusing on automating the customer registration process, and enhancing data security. #Python #Django

4. Archiving Service (SAAS Model): Key contributor to Archiving Service a SaaS model for banking management systems. #Angular #.NET

5. DGFood: The Directorate General of Food is automation system of the government of Bangladesh and It manages of food supply in Bangladesh.

6. Shuttle Bangladesh: I work on this project as a lead and develop backend and frontend both of the project. Live Preview Apple Store

7. Shuttle Cockpit (B2C System): A ride-sharing service that includes monthly advance/live ride booking, payment processing, driver location tracking, booking cancellation, and a checkout system. Apple Store

8. Follow-up Dashboard: Developed a dashboard replicating spreadsheet filter mechanisms with dynamic filters offering 15 different combinations.

9. Shuttle Jatrikoi: A customer acquisition automation service designed to onboard potential customers registered through campaigns, social platforms, or the website. In this system, customer acquisition managers assign tasks to customer acquisition officers. Officers then contact customers, update customer statuses, add remarks, record call durations, and document other feedback-related information.

10. Shuttle Shohoz: A customer operation service providing operational tools for users, including booking details, booking cancellations, status updates, trip manager assignments, car location tracking, issue updates from customers, trip manager activities, SMS to customers, role permission updates, and promo service management. Engineered 20 REST APIs for live booking, resulting in a 5% increase in customer bookings and a 7% reduction in technical payment and booking issues.

11. Shuttle User Service: A centralized user login and management service that handles authentication for customers and internal users. Engineered this dynamic user microservice, effectively managing real-time login and registration for over 5,000 active customers through SMS and OTP.

12. Vue Template: Vue template is a standard template which is develop using vue, scss, html and JavaScript. It's for developer who is looking for a structure template for their project. [Github](#)

13. Priority Management System: *(PHP, JavaScript, Laravel, MySQL, Bootstrap4)* Priority Management System is integrated and automation software system for NSU canteen. By this system Student will easily get their token for food order. [Github](#)

14. Buyer and Street Vendor Communication Order Service: To design and develop this website; JavaScript, JQuery, Ajax, HTML5, CSS3, Bootstrap are used for front-end; PHP, Laravel, MySQL database are used for back-end. [Github](#)

15. Cable Operator Management System: *(JavaScript, MySQL, Laravel, PHP, Bootstrap 4)* Cable Operator Management System is integrated and automation software system for cable operators. [Github](#)

16. Grocery site (eCommerce): *(JavaScript, Heroku Cloud, Java and C)* The project is developed to prohibit illegal border crossing and safety. This junior design project is to develop with a team for academic purpose. [Github](#)

Skills & Expertise

Programming Languages	: JavaScript, PHP, Python
Databases	: MySQL, SQLite, MariaDB
Tools & Technologies	: Git, Docker, AWS, Datadog, Redis, Shopify, Digital Ocean, Postman, Google Map, Clean Architecture, S.O.L.I.D
Frameworks & Libraries	: Laravel, Lumen, Vue JS, AngularJS, Nuxt.js, React.js, Django, gFlow

B.Sc. Capstone Design Project	**1. Final Year Project** **Smart Eyeglass for Visually Impaired People using Raspberry pi:** *(Python, Machine Learning, Deep learning, OCR)* Developed programs to detect objects by Tensorflow, recognize fac of known people by Haar cascade algorithm, read printed text by OCR and send voice instruction by TTS. Github Supervisor: Mirza Mohammad Lutfe Elahi **2. Junior Design Project** **Illegal Border Crossing Detection with Surveillance Camera:** *(JavaScript, Heroku Cloud, Java and C)* Illegal border crossing detection with surveillance cameras can improve privacy, safety and illegally crossing the border. These systems detect and localize the human and recognize the face of known and unknown people. Then information is sent to the server from the hardware device. In addition, this system will give feedback to the security monitor system. Human detection is known by object detection API. Using tensor flow object detection API, it detects humans. This device can easily monitor long borders without requiring any human assistance. Github Supervisor: Dr. Md. Mahfuzur Rahman (MMR4)

Education	**North South University, Dhaka, Bangladesh** **B.Sc.** in **Computer Science and Engineering** CGPA - 3.00 out of 4.00 (83-86% Marks). Passing Year: 2019	May 2015 – Dec 2019
	Hamdard Public College, Dhaka, Bangladesh **Higher Secondary Certificate** GPA - 4.90 out of 5 00. Passing Year: 2013	2011-2012
	Bakail High School, Brahmanbaria, Bangladesh **Secondary School Certificate** GPA - 4.75 out of 5 00. Passing Year: 2011	2006-2010

Courses	Clean Architecture	: **Udemy**

Linguistic Proficiency	English, Bengali
Interests	Traveling, YouTube Vlogging