SAZZAD HOSSAIN

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EXPERIENCE

Software Engineer L1 | Ontik Technology   April 2025 - Present
Software Engineer | Factoryze Tech   July 2024 - March 2025
Banglar Math | NextJS, MongoDB, Tailwind

- Implemented seamless global state management using Redux for efficient data handling.
- Developed modular and reusable UI components to enhance frontend scalability and maintainability.
- Implemented server-side rendering and dynamic routing in Next.js to enhance performance and SEO.
- Live demo of the product

Software Engineer Intern | Genuity Systems Ltd.   January 2024 - June 2024
SIVR - Smart Interactive Voice Response | ReactJS, Laravel, MySQL

- Built an interactive frontend similar to WordPress, enabling drag-and-drop functionality for creating custom forms, input fields, tables etc.
- Optimized rendering performance by efficiently handling an extremely nested DOM tree in javaScript.
- Developed standardized APIs using Laravel Eloquent and MySQL for seamless data communication.
- Live demo of the product

ACADEMIC PROJECTS

SmartGitTagger: AI-powered Chrome extension | ReactJS, ExpressJS, Python   Oct 2024 - Jan 2025

- Developed a Chrome extension leveraging an LLM transformer to analyze GitHub README.
- Fine-tuned a specific transformer on a dataset of repository readme and corresponding topics.
- Implemented K-means clustering on the output of fine-tuned transformer for topic extraction.

DU Sports Management System | ReactJS, ExpressJS, MySQL   Feb 2023 - May 2023

- Created both backend and frontend for this web application of sports management system.
- Implemented team registrations, match schedules, notice systems and result tracking features.

Mini LinkedIn | ReactJS, ExpressJS, MongoDB, Docker, Nginx   Aug 2023 - Nov 2023

- Built both backend and frontend for this web application replicating key features of LinkedIn; uploads post, notifications, and user authentication.
- Implemented distributed system through separating microsevices using docker and Nginx.

EDUCATION

BSc in Software Engineering | IIT, University of Dhaka   2020 - 2025 | CGPA: 3.55
Higher Secondary Certificate | Rajshahi Cadet College   2019 | GPA-5

SKILLS

Language: Javascript, Java, PHP, Python, C, C++, HTML, CSS
Library & Frameworks: ReactJS, NextJS, NodeJS, ExpressJS, Laravel, Bootstrap, Tailwind
Database: MySQL, MongoDB
Tools: Git, Docker, Nginx, Postman
Others: Design Patterns, Microservice Basic

VOLUNTARY ROLES

Sports Secretary | IITSEC   2023

- Successfully organized multiple sports events for IITSEC.

Organizer | ITVerse-23

CO-CURRICULAR

IIT Football Team | Vice Captain

- Competing in inter-department football tournaments for past three years.   2022 - 2024

IIT Futsal Tournament - 2022 | Winner