

Abdullah Al Mamun

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SUMMARY

Experienced Software Engineer with almost 5 years of expertise in JavaScript ecosystems and DevOps. Proven track record in delivering impactful web and desktop solutions, collaborating seamlessly with cross-functional teams. Adept at optimizing performance, accessibility and usability for the best user experience.

EXPERIENCE

Software Specialist

SSL WIRELESS

May 2024 - Present, Dhaka, Bangladesh

- Working on a Fintech team to develop highly scalable Microservices and micro frontend application to manage concurrent traffic.
- Optimizing Code and Business Logic Execution Complexity.
- Conducted Research and Implemented Micro-Frontend Architecture.
- Researched and Implemented Monorepo Architecture.
- Tech/stacks: JavaScript · TypeScript · React.js · TailwindCSS · Express.js · Docker · AWS · Microservices · CI/CD · MongoDB · MySQL

Software Engineer

GrapView

February 2023 - April 2023, Dhaka, Bangladesh

- Worked with an agile backend team to develop highly scalable microservices.
- Designing microservices using 3-tier architecture.
- Designing Database for SaaS application.
- Implement CI/CD pipeline to deploy microservices.
- Managed concurrent traffic using RabbitMQ message broker.
- Implemented microservice-based REST APIs to develop mobile applications.
- Tech/stacks: JavaScript · TypeScript · Express.js · React.js · TailwindCSS · Docker · AWS · Microservices · CI/CD · MongoDB · MySQL

Software Engineer

NexusLab

February 2022 - February 2023, Dhaka, Bangladesh

- Implement, built, deployed, and developed highly available microservices from scratch.
- Scaling microservices to handle easily millions of concurrent traffic.
- Designing Database and Use Case diagram.
- Designing APIs and Building Microservices to sync data from the various platforms.
- Building inter-service communication using RabbitMQ.
- Designing more APIs with Socket.io for real-time data transfer.
- Tech/stacks: JavaScript · TypeScript · React.js · Next.js · TailwindCSS · Node.js · Express.js · Microservices · MongoDB · Socket.io · AWS · Docker · Git · Github · CI/CD

Software Engineer

Colour Bangla

January 2020 - January 2022, Dhaka, Bangladesh

- Worked as a Full-Stack developer.
- Implemented, built, and deployed both backend and frontend.
- Contributed to mobile developers as project lead.
- Worked on REST API service with Node.js/Express.js
- R & D and new feature addition collaborated with the team.
- Tech/stacks: JavaScript · React.js · Redux · Node.js · Express.js · MongoDB · MySQL · Git · GitHub

SKILLS

Programming Languages: JavaScript, TypeScript, PHP, Java, R, Python

Front End: HTML, CSS, TailwindCSS, Bootstrap, SASS, JavaScript, React.js, Next.js, Electron.js

Backend: Node.js, Express.js, Nest.js, Fastify, GraphQL, Spring Boot, Laravel, Flask, FastAPI, Socket.io, RabbitMQ, gRPC

Databases: MongoDB, MySQL, Microsoft SQL Server, Redis, Elasticsearch

Architecture and Design Patterns: Microservice, Layered Architecture, Monorepo, REST API, JSON, GraphQL.

Version Controlling & Others: Git, Github, Bitbucket, Trello, Jira.

Cloud: AWS (S3, EC2, ECS, ECR, SNS, SQS, SES, AmazonMQ, CloudWatch, Load-Balancing), Digital Ocean

DevOps: Docker, GitHub Action, CI/CD, Nginx, Load-Balancing, PM2, Application Clustering

PROJECTS

Grapmart

grapmart.com • February 2023 – April 2023

- Implemented food and daily needed groceries website for residents.
- There is an admin portal to manage products, orders, and users.
- Front-end developed with React.js, TailwindCSS.
- Backend APIs developed with PHP, Laravel, and MySQL database.

React Country Select Component

npmjs.com/package/react-country-select-component

- React country select component is an open-source frontend NPM package.
- It saves time and is useful for front-end developers to search and select countries worldwide.

Storex API

github.com/mamun-swe/storexapi

- STOREXAPI is a free online REST API that you can use whenever you need Pseudo-real data for your store management website, mobile application or desktop application without running any server-side code.
- It's incredible for teaching purposes, sample codes, tests and etc.

EDUCATION

M.Sc. in Biomedical Engineering

University of Saskatchewan • Saskatoon, Saskatchewan, Canada • 2024

B.Sc. in Software Engineering

Daffodil International University • Dhaka, Bangladesh • 2022 • 3.174.00