Ashfaqur Rahman Papon

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EXPERIENCE

MERN Stack Developer — Oct 2025 – Present
SoftTool Solutions — *Dhaka, Bangladesh*
- Designed and delivered a highly scalable E-commerce system using a microservices architecture with NestJS
- Designed an event-driven communication layer leveraging Apache Kafka and Redis to enable real-time messaging, efficient caching, and high-throughput data processing across microservices.
- Developed modern, SEO-friendly frontends with React and NextJs, utilizing Redux for efficient global state synchronization.

Backend Developer — May 2025 – Aug 2025
TS4U IT Engineering Bootcamp — *Dhaka, Bangladesh*
- Led the development of Bootcamp Hub, a centralized platform for managing bootcamp operations and resources, ensuring efficient and reliable production through cloud-based deployment.
- Developed E-commerce and E-learning backends using Node.js, including secure authentication systems with Database for service management.

ACHIEVEMENTS

Competitive Programming
- I am an Pupil on Codeforces with a maximum rating of 1211.
- I also hold a 3* coder status on Codechef with a top rating of 1612.
- I have solved 1200+ problems on various online judges and participated in 160+ online programming contests including prestigious ones like Codejam, Hackercup achieving commendable ranks. You can find my Stopstalk handle Here.

Research and Publication
- A Efficient system for Facial Emotion Recognition.
- **Published in:** Ongoing.
- **Summary:** A system to identify different facial expressions using EfficientNetV2 architecture.This system leverages EfficientNetV2's advanced features to accurately detect and classify various facial expressions.

PROJECTS

Patabahari.com | *NodeJs, ReactJs, Express, Redux, MongoDB*
- Architected a production-grade e-commerce platform using SEO-optimized Next.js, with backend services designed for scalability and maintainability.
- Implemented asynchronous, event-driven processes to handle order lifecycle and inventory synchronization, improving system scalability and fault isolation.
- Here the Deployment and Github links

Bangla Market | *NestJS, Node.js, PostgreSQL, Kafka, Redis*
- Developed a feature-rich e-commerce platform supporting scalable product and user management.
- Implemented secure and interactive backend features including Redis-based caching, Kafka-based event-driven architecture, and a user following system tailored for tech enthusiasts.
- Built the backend using a monolithic-microservice hybrid approach with NestJS, Node.js, Kafka, and Redis; utilized PostgreSQL for efficient relational data management.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, TypeScript
Frameworks and Libraries: Node.js, Next.js, React, Redux, Express,NestJs
Databases: PostgreSQL, MongoDB, Prisma
Development and DevOps Tools: Visual Studio Code, Postman, Docker, Kafka, Redis
Version Control: Git, GitHub and Sourcetree

EDUCATION

Metropolitan University — Sylhet,Bangladesh
BSc in Computer Science and Engineering(C.G.P.A – 3.45 out of 4.0) — *Jan. 2020 – Jun. 2024*