Shabik Ashab

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Experience and Professional Development

Data Automators, Dhaka, Bangladesh

Software Engineer   **Jan 2023 - Sep 2023**

- Designed and assessed the feasibility of a web automation project
- Implemented custom web scraping scripts to gather **real-time product details**.
- Design **25+ frontend** components for an NFT trading bot.
- Implement **Nextauth** and Create a **database schema** for the trading bot and automation project.

Rexo It, Dhaka, Bangladesh

Junior Software Engineer   **June 2021 - Nov 2021**

- Developed RESTful APIs and designed frontend components.
- Implemented unit and integration testing using Jest and Cypress.

Project

Price Comparison web app

- Dynamic price comparison website compares product prices from various sources.
- Design database schema and optimized queries for fast data retrieval.
- Implemented custom web scraping scripts to gather real-time product details from different websites.

Technologies: TypeScript, Prisma, Postgres, Storybook, Pupeeter, Nextjs, Redis

Cashwave send money web app

- Users can send money instantly with this app.
- Cloudflare serverless function is used for scaling and deploying
- Database pooling was used to maintain multiple connections with Cloudflare workers.

Technologies: TypeScript, Docker, Hono, Zod

Education

Chongqing University Of Technology, Chongqing, China

Bachelor of Science in Computer Science and Technology

- Relevant Coursework: Data Structures and Algorithms, Database Fundamentals, Software Engineering Principles, Machine Learning, and Data Science.
- Thesis: "Comparative Analysis of CNN and Vision Transformer Models for Pneumonia Detection from Chest X-ray Images: A Deep Learning Approach."
  - Utilized TensorFlow and Keras for model development and evaluation.

Technical Skills

- Javascript	- Next.js	- PostgreSQL	- Redis
- Typescript	- Express js	- MongoDB	- Functional Programming
- Python	- Docker	- Prisma	- OOP

Others

IELTS Academic (7.5)