

## Sakib Al Jaber

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### Professional Summary

Results-driven Backend Developer with hands-on expertise in NestJS, Node.js, TypeScript, and Express.js, specializing in scalable backend systems and RESTful API development. Proficient in microservices architecture, Docker containerization, and database integration (PostgreSQL, MongoDB, MySQL, Redis). Experienced in collaborating with cross-functional teams to deliver high-performance, secure applications. Skilled in Dart and Flutter for full-stack solutions, with a passion for solving complex challenges using modular, maintainable code.

### Skills

- Programming Languages: JavaScript, TypeScript, Dart
- Frameworks & Tools: NestJS, Node.js, Express.js, Flutter
- Architecture: Microservices, RESTful APIs, WebSockets
- DevOps & Tools: Docker, Containerization, Git, GitHub
- Databases: PostgreSQL, MySQL, MongoDB, Redis
- Additional Skills: Object-Oriented Programming (OOP), API optimization, Authentication (JWT, Passport.js), Debugging & Performance Tuning

### Professional Experience

#### Intern

PeopleNtech, Dhaka

- Developed and maintained backend systems using NestJS, Node.js, and Express.js, ensuring scalability and performance.
- Designed and implemented microservices architecture, integrating RESTful APIs with PostgreSQL and Redis.

## **Freelance Developer**

- Engineered full-stack web and mobile applications using Flutter, Dart, and Node.js, with a focus on seamless API integration.
- Built and optimized RESTful APIs for real-time data synchronization, enhancing backend performance and user experience.
- Worked independently and with clients to debug, test, and deploy scalable solutions tailored to business needs.

## **Education**

### **Diploma in Computer Science**

Barishal Polytechnic Institute, Barishal, Bangladesh (2016-2020)

## **Key Projects**

### **Dynamic Pricing Engine | Backend Developer**

January 2023 - March 2023 | Freelance Project

- Developed a scalable backend system using NestJS and TypeScript to dynamically adjust pricing for e-commerce platforms based on demand and inventory.
- Built RESTful APIs and integrated with MongoDB for data storage and Redis for caching, reducing response times by 30%.

**Technology and Tools:** NestJS, Node.js, TypeScript, MongoDB, Redis, Docker, RESTful APIs.

### **SaaS-Based Event Management Platform | Backend Lead**

June 2022 - September 2022 | Freelance Project

- Designed and implemented a microservices-based backend with NestJS for a SaaS platform, enabling users to create and manage events.
- Engineered secure RESTful APIs with JWT authentication and deployed using Docker for consistent scalability across environments.

**Technology and Tools:** NestJS, Node.js, Express.js, PostgreSQL, Docker, JWT, Microservices.

## **E-commerce Platform | Backend Engineer**

February 2021 - June 2021 | PeopleNtech Internship

- Developed a NestJS-based backend for an e-commerce platform, enabling seamless product management and order processing.
- Optimized PostgreSQL queries and integrated Redis caching, improving system performance and reducing load times.
- Implemented JWT authentication for secure user access and session management.

**Technology and Tools:** NestJS, Node.js, PostgreSQL, Redis, Docker, JWT.

### **Additional Notes**

- Strong problem-solving skills and a proactive approach to learning the latest trends in NestJS, TypeScript, and backend development.
- Comfortable working in collaborative, innovative environments with a focus on professional growth.