

# Abu Daud Hossain *Full Stack Developer*

✉ abudaudhossainsumon@gmail.com

☎ +880 1994589676

📍 Dhaka, Bangladesh

🔗 Portfolio

🌐 LinkedIn

🐙 Github



## SUMMARY

Full-stack developer with 2.5 years of hands-on experience in the MERN stack. Expert in building responsive, secure, and scalable web solutions with modern front-end and back-end technologies.

## Professional Experience

2024/08 – present  
Dhaka, Bangladesh

**Software Engineer**  
*Singularity Limited*

- Analyze project requirements and translate them into well-structured REST APIs and efficient database designs
- Application maintenance, bug fixes, and implementing new features
- Collaborated with cross-functional teams to standardize backend development processes.
- Contributed to frontend development by building dynamic components, integrating APIs, fixing bugs, and implementing feedback.

2022/12 – 2024/07  
Dhaka, Bangladesh

**Junior Backend Developer**  
*Singularity Limited*

- Designed and developed REST API and enhanced application functionality
- Developed secure user registration and authentication processes, including email verification, OTP
- Application maintenance, bug fixes, and adding new features

## Skills

**Programming Languages:** Javascript | TypeScript | Python

**Backend Frameworks:** Node Js | Express Js | Socket.io | Strapi.io | GraphQL | JWT | NestJS | TypeScript

**Frontend Frameworks:** React JS | Next JS | Redux JS | Tailwind | Bootstrap | Material-UI

**Database:** PostgreSQL | MySQL | MongoDB | Redis

**Tools:** Docker | Nginx | Github & Git | Firebase | Stripe | Postman


**Others:** Database Design & Performance Optimization & Monitoring | RESTful APIs Design & Implementation | API documentation and specifications | Performance Optimization | Collaborate effectively with UI/UX designers, QA teams, Project Managers, and cross-functional teams

**Familiar:** Laravel | PHP | Python

## Projects

**Lead Management System** [🔗](#)

- Developed and maintained the backend for a **Lead Management System** using Node.js and RESTful APIs.
- Designed and implemented **secure user authentication**, organization creation, and lead management endpoints.
- Architected and optimized a **scalable database schema** for users, organizations, leads, and products.

- Built a **notifications system** (in-app and email) for key user events such as lead assignments, status updates, comments, and reminders.
  - Enabled **report generation in PDF and CSV formats** to support analytics and decision-making.
- username: test@gmail.com  password: Aa!12345

### JCI Bangladesh Application

- Envisioned as an all-in-one digital platform aimed at enhancing engagement, communication, and collaboration among members of JCI Bangladesh
- Built secure authentication and authorization systems to protect sensitive data.
- Implemented Role-Based Access Control (RBAC) and developed data visualization dashboards for detailed reporting and insights

### Education

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#### Diploma In Computer Technology

*Kurigram Polytechnic Institute*

#### B.Sc In Computer Science & Engineering

*Dhaka International University*

### Languages

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- Bangla
- English