

# SALFUL ISLAM

Backend Developer

✉ dev-saiful@outlook.com | 📞 (+880) 1521-566-142  
Dhaka, Bangladesh

🌐 /dev-saiful

🌐 /dev-saiful

## PROFESSIONAL SUMMARY

Results-driven backend developer skilled in designing APIs and building scalable system architectures. Proficient in modern technologies, including Node.js, Express.js, PostgreSQL, and cloud platforms. Experienced with tools like JWT for authentication, Docker for containerization, and GitHub Actions for CI/CD automation. Passionate about delivering efficient, secure, and robust backend solutions that support business growth and product scalability.

## SKILLS

- **Programming:** JavaScript (ES6+), C++, HTML/CSS
- **Backend:** Node.js, Express.js, NestJS, REST/GraphQL APIs, Microservices
- **Databases:** MongoDB, PostgreSQL, MySQL, Prisma, Mongoose
- **DevOps:** Docker, CI/CD (GitHub Actions), Cloud Deployment (AWS, Azure, Render)
- **Tools:** Git, GitHub, Postman, OpenAI API, LangChain

## PROJECTS

### Backend Developer | Projects

- **CodeCollab – Q n A Blog (MERN Stack)**
  - Developed secure RESTful APIs for user authentication with OTP verification, improving account safety and user trust.
  - Integrated Codeforces API to control answer permission based on user rating, ensuring high-quality answers from skilled users.
  - Built efficient voting, enhancing user engagement and interactivity within the platform.
  - Designed scalable backend architecture, reducing code complexity and making future feature updates easier and faster.
- **NasStore - Ecommerce (MERN Stack)**
  - Built and maintained backend APIs for NasStore, an e-commerce web app using Node.js, Express.js, and MongoDB with Mongoose for data modeling.
  - Developed secure JWT-based authentication, product CRUD operations, and order/payment processing logic.
  - Optimized database queries and API responses, reducing latency by 30 % and improving app performance.
  - Integrated third-party services for image uploads and payment processing (e.g., Stripe or PayPal).
  - Collaborated with frontend team to integrate APIs, ensuring seamless user experience and data flow.
- **NASA Habitable Planet API (MERN Stack)**
  - Integrated NASA Exoplanet Archive and SpaceX APIs with MongoDB, reducing data retrieval latency by 30 %.
  - Implemented Dockerized with GitHub Actions CI/CD, deployed on AWS.
- **InteliTalk – University Chatbot (MERN Stack)**
  - InteliTalk: A cutting-edge chatbot system tailored for university environments.
  - Built an AI-driven chatbot using OpenAI API and LangChain, improving student support efficiency by 40 %.
  - Containerized with Docker, automated CI/CD pipelines, deployed on Koyeb.

## EDUCATION

- **B.Sc. in Computer Science and Engineering**  
Sonargaon University CGPA: 3.87/4.00 | 2020–2024
- **HSC (Science)**  
Govt. Tolaram College GPA: 4.50/5.00 | 2017–2019

## POSITION OF RESPONSIBILITY

- **Admin | Open Source, Facebook** (Aug,2020- Present)  
Managed the **Open Source** Facebook group, cultivating a collaborative environment for tech enthusiasts to share resources and expertise.

## CERTIFICATIONS

- Git and GitHub Essentials
- JavaScript Programming Essentials
- Node and Express Essentials
- Intermediate Back-end Development: Node & MongoDB

## HOBBIES

- Playing Football and exploring new things in life.