

# Jobair Uddin Jesan

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## 📁 EXPERIENCE

### AppifyLab, Full Stack Engineer

September 2024 – present | Sylhet, Bangladesh

- Developed and maintained web applications using React.js and Next.js.
- implemented scalable backend services using Node.js, developing RESTful APIs and integrating MySQL databases with optimized queries and schema design.

### Growthly It, Backend Software Engineer

August 2025 – December 2025 | Remote (Part-time)

- Developed and maintained backend services using NestJS and PostgreSQL.
- Implemented automated email alert services.

### Code Owls, Backend Developer Intern

July 2024 – September 2024 | Remote

- Developed and maintained back-end services using NestJS and PostgreSQL.

## 🧠 SKILLS

- **Programming Languages:** C, C++, JavaScript, Typescript, Python
- **Frontend Development:** React.js, Next.js, Redux, Tailwind, Bootstrap, Pragmatic DnD, React Query, Material UI
- **Backend Development:** Node.js (NestJS, ExpressJS, AdonisJS).
- **Database Management:** MySQL, PostgreSQL, Redis, Lucid ORM, TypeORM, Prisma ORM, Pinecone Vector Database
- **General Skills:** Data Structures and Algorithms, Git, GitHub, Linux, Bash scripting, Docker.

## 🎓 EDUCATION

### Bachelor of Computer Science and Engineering, International Islamic University Chittagong

Chittagong, Bangladesh

CGPA: 3.50 out of 4.00

## 🏆 COMPETITIVE PROGRAMMING

- **Codeforces:** Jobair\_uddin ✍  
Max Rating: 1434  
Solved: 1135 problems
- **LeetCode:** Jobair\_uddin ✍  
Solved: 435 problems
- **Atcoder:** Jobair121 ✍  
Solved: 150+ problems
- Overall **2000+ problems solved** and participated in more than **100+ Programming Contests** on different Online Judges.

## 🏆 ACHIEVEMENTS

### IIUC Intra University Programming Contest

- 11th position

### IIUC Intra Dept. Junior Programming Contest Autumn 2021

- 4th position

### IIUC Intra University Programming Contest Autumn 2021(Onsite Individual)

- 6th position

## 📁 PROJECTS

### IntelliFAQ RAG Powered Ai ✍

- **Technologies:** Python, FastAPI, Azure OpenAI (GPT-4o), Pinecone, LangChain, CSV, Docker
- Built an RAG-powered FAQ chatbot API with Pinecone and Azure OpenAI GPT-4o, offering semantic search, AI course/MCQ generation, analytics, monitoring, fine-tuning prep, and Docker deployment.

### Advanced Role-Based Access Control ✍

- **Technologies:** Next.js, Nest.js, HTML/CSS, Prisma ORM, PostgreSQL
- A role-based access control (RBAC) system and integrated Swagger for API documentation.

### Samsung E-Commerce ✍

- **Technologies:** React.js, Node.js (Express Js), MongoDB
- E-commerce site for Samsung using MongoDB CRUD operations.

### Human Pose Estimation using HRNet ✍

- **Technologies:** HRNet, PyTorch, COCO Dataset, MPII Dataset
- Focused on high-precision human pose estimation and model performance.
- Applied multi-scale feature fusion and high-resolution representation learning for improved precision.

## 🧩 ACTIVITIES

### Sergeant's Boot-camp Coordinator, IIUC Competitive Programming Society

February 2024 – November 2024

- Monitored the progress of participants in advanced programming boot camps.

### Beginner's Boot-Camp Trainer, International Islamic University Chittagong

June 2022 – July 2023

- Delivered comprehensive lectures on fundamental programming concepts.