

EXPERIENCE

Junior Software Engineer

Jan 2025 – Present

Dynamic Solution Innovators (DSi)

- Developing *EARN MIS*, an education platform for local BD government serving approximately 1M beneficiaries, working as backend engineer with **ASP.NET** framework.
- Implementing DevOps practices using GitHub Actions for CI/CD pipeline automation and deployment workflows.
- Previously contributed to *Olwel*, a healthcare service platform built with **Python/Django** – managed cloud infrastructure on **AWS (EC2, S3, IAM)**, maintained production, and provided technical support.

Programming Instructor

Feb 2023 – Aug 2024

Dept. of CSE, Jahangirnagar University

- Taught C, C++, data structures, and algorithms for competitive programming to CSE and IIT juniors.
- Organized contests, mentored students, judged events, and set problems (e.g., CodeElevate Camp 2023).
- Volunteered at NCPC 2023 – cultural team lead, game section manager, and media section participant.

EDUCATION

Jahangirnagar University

Savar, Dhaka

B.Sc in Computer Science and Engineering – CGPA: 3.46/4.00

Feb 2019 – May 2024

CERTIFICATIONS

Red Hat Certified System Administrator (RHCSA)

Dec 2025

Red Hat – Credential ID: 250-195-955

Expires: Dec 2028

Introduction to Database with SQL

Dec 2024

CS50, Harvard University

TECHNICAL SKILLS

Languages & Frameworks: Python, C/C++, Java, JavaScript, HTML/CSS, **ASP.NET**, Django, Odoo

Databases & Tools: MySQL, RethinkDB, Git & GitHub, GitHub Actions, Docker

Cloud & DevOps: **AWS (EC2, S3, IAM)**, Azure (preparing for AZ-104), CI/CD, **Red Hat Linux**

Concepts & Other: OOP, Problem Solving, Data Structures, Algorithms, Machine Learning, Linux, LaTeX

COMPETITIVE PROGRAMMING

Onsite Contests

- ICPC Asia Dhaka Regional Contest 2022 – 74th Place
- ICPC Asia Dhaka Preliminary Contest 2022 – 54th Place
- ICPC Asia Dhaka Regional Contest 2023 – 135th Place
- ICPC Asia Dhaka Preliminary Contest 2023 – 96th Place

Online Platforms

- Codeforces (imnasim3.1415) – Max rating: 1502, 1500+ problems solved
- CodeChef (imnasim3.1415) – Max rating: 3* (1720)
- UVa (imnasim3.1415) – 300+ problems solved
- VJudge (nasim.28.391) – 700+ problems solved

PROJECTS

Hospital Management System | Django, HTML, CSS, MySQL, JavaScript

[GitHub]

- Developed web application for hospital operations and patient records with TDD, CI/CD, and Agile Scrum methodology.

Predicting Song Popularity by Analyzing Audio Features of Spotify Bengali Tracks

[GitHub]

- Machine Learning project using Python, Pandas, NumPy, Spotify Web API, and ML algorithms.*