

Nesar Ahmed

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SUMMARY

A passionate software engineer with professional experience as a Java Developer, specializing in Spring Framework. My background as a competitive programmer enhances my ability to tackle complex challenges and deliver high-quality solutions. I excel in problem-solving, continuous learning, and adapting to any language or framework.

EDUCATION

B.Sc. in Computer Science and Engineering, 2020 – 2024 | Dhaka, Bangladesh
Daffodil International University ⓘ
• CGPA 3.92 (On a scale of 4.00)

PROFESSIONAL EXPERIENCE

Junior Java Developer, Hubar Tech Limited ⓘ July 2024 – present | Dhaka, Bangladesh
• Developed and maintained backend services for a microservice-based POS system using Java Spring Boot.
• Built and optimized RESTful APIs for payment processing, refunds, audit reporting and more.
• Managed database tasks, including schema design, normalization using JDBC and PostgreSQL.
• Wrote clean, efficient, and well-documented code, adhering to best practices in software development.
• Collaborated with cross-functional teams to deliver robust, high-quality software solutions.

TECHNICAL SKILLS

- **Programming Knowledge:** Java, C/C++
- **Frameworks:** Spring Boot, Angular
- **Databases Management:** PostgreSQL, Hibernate & JPA, JDBC
- **Web:** HTML5, CSS3, Bootstrap, Thymeleaf
- **Tools & Technologies:** Git, Maven, Gradle, Jira, Linux
- **Analytical Skills:** Problem-Solving, Data Structures & Algorithms

PERSONAL PROJECTS

E-commerce Platform Backend ⓘ June 2024
• Developed a scalable backend for an e-commerce platform using Spring Boot. It provides a comprehensive set of APIs to manage essential functionalities of an online store.
• Implemented RESTful APIs for customer and product management, as well as order processing.
• Integrated JWT-based Spring Security with method-level authorization.
• **Technologies:** Spring Boot, Spring Security, Spring Data JPA, PostgreSQL.

UpskillEnglish ⓘ July 2024
• Developed an innovative web application aimed at improving English proficiency for intermediate learners by leveraging advanced AI models.
• Integrated features such as quick practice sessions with real-time evaluation and comprehensive feedback on language abilities using the Gemini AI.
• Designed a modern, fully responsive frontend using Angular, and implemented a robust system for mapping JSON responses from APIs to Java objects for seamless data handling.
• **Technologies:** Spring Boot, Spring Security, Spring Data JPA, PostgreSQL, Angular, Gemini.

Doctor Appointment Booking ⓘ April 2024
• Created a robust scheduling system for booking doctor appointments, ensuring a user-friendly interface and efficient back-end operations.
• Implemented user registration, login, doctor search, appointment booking, and admin and doctor functionalities.
• **Technologies:** HTML, CSS, Bootstrap, Thymeleaf, Spring Boot, Spring MVC, Spring Security, Spring Data JPA, PostgreSQL.

CONTEST PROFILE

Individual

- **1st Runner Up**, DIU TakeOff Programming Contest, Spring 2020 [↗](#)
- **10th (2nd Year Champion)**, DIU Intra University Programming Contest 2021 [↗](#)

Team

- **7th**, DIU_psychWard, Collaborative Programming Contest 2023, IUBAT [↗](#)
- **52th (Top 23.4%)**, DIU_BrainyFools, ICPC Asia Dhaka Regional Contest 2023 hosted by BUBT [↗](#)
- **53th (Top 2.2%)**, DIU_BrainyFools, ICPC Asia Dhaka Regional Site Online Preliminary Contest 2023 [↗](#)
- **60th (Top 50%)**, DIU_Mavericks, Cefalo SUST Inter University Programming Contest 2023 [↗](#)

Online

- **Codeforces**: nadimnesar [↗](#) max. **Specialist, 1520**
Ranked in BD: 5th(div4) [↗](#) 11th(div4) [↗](#) 20th(div2) [↗](#)
- **CodeChef**: nadimnesar [↗](#) max. **3 Star, 1600**
Ranked in BD: 2nd(div4) [↗](#) 9th(div3) [↗](#)
- **AtCoder**: nadimnesar [↗](#) max. **743**

Participated in 300+ online and offline contests.

PROBLEM SOLVING

All Online Judge Profiles: nadimnesar [↗](#)

Solve Count:

- **UVa**: 362 [↗](#)
- **LightOJ**: 115 [↗](#)
- **Codeforces**: 1091 [↗](#)
- **Atcoder**: 95 [↗](#)
- **CSES**: 40 [↗](#)
- **LeetCode**: 28 [↗](#)
- **Beecrowd**: 254 [↗](#)

Total solve over all online judges: 2100+

VOLUNTEER EXPERIENCE

Vice President (ACM Wing), DIU CPC

- Led the programmers' community at DIU, driving engagement and collaboration among members.
- Successfully organized multiple contests, including TakeOff and Unlock The Algorithm, enhancing the competitive programming culture at DIU.

Problem Setting and Judging, DIU ACM

- Served as the Judging Director for TakeOff and Unlock The Algorithm programming contests.
- Created numerous problems for internal programming contests at DIU.

Trainer and Mentor, DIU ACM

- Trained juniors in programming camps, focusing on Data Structures and Algorithms.
- Provided ongoing mentorship to junior programmers.

LANGUAGES

English

Professional Working Proficiency

Bangla

Native or Bilingual Proficiency