Md Mehedi Hasan — Associate Software Engineer

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in mdmehedihasan31 ⦿ mdmehedi31

🪪 PROFILE

Computer Science graduate with nearly 2 years of hands-on experience in Java backend development. Skilled in Spring Boot and SQL, with strong knowledge of Data Structures, Algorithms, and algorithmic problem-solving. Committed to building efficient, scalable solutions and collaborating effectively in team environments.

💼 PROFESSIONAL EXPERIENCE

Jr. Programmer (Remote), Lausn Hugbúnaður ehf.

October 2023 – present | Reykjavik, Iceland

- Optimized an API endpoint by reducing execution time from 5–7 minutes to ~900 ms, significantly improving performance and enhancing the user experience.
- Developed and maintained Java backend services using Spring Boot.
- Added new features and enhanced existing functionalities.
- Optimized API performance.
- Implemented Two-Factor Authentication (2FA).

📁 PROJECTS

OTPs Sending System ⬀

- Developed an OTP sending System using Java, Spring MVC, and PostgreSQL, with integrations for SMTP and Twilio to send OTPs and standard messages via email and contact number.

MCQ exam portal ⬀

- Built an MCQ exam portal using Java, Spring Boot, and PostgreSQL, featuring the core functionalities required for a complete online examination system.

eCommerce Site ⬀

- Implemented the core functionality of an e-commerce site using Java, Spring MVC, and PostgreSQL.

Communication Site ⬀

- Developed the core functionality of a communication site using Java, Spring MVC, and PostgreSQL

🎖 CERTIFICATES

Java: From Basic to Professional ⬀
Institution: Pondit

🎓 EDUCATION

B.Sc in Computer Science & Engineering, BGC Trust University Bangladesh ⬀

July 2017 – September 2021
Chattogram, Bangladesh
CGPA: 3.27

🏛 ACTIVITIES

ACHIEVEMENTS

- **4th in BGCTUB IUPC 2019**
- **25th in BGCTUB IUPC 2017**

Solved over 200 problems

IDs
- Leetcode - *mehedi31* ⬀
- Beecrowd - *mdmehedi31* ⬀
- Hackerrank - *mehedi31* ⬀

🧠 TECHNICAL SKILLS

Languages: Java, C/C++, SQL

Core Competencies: OOP, Data Structures & Algorithms, API Development

Frameworks & Tools: Spring Boot, Spring Security, Hibernate, Maven, Git, Postman

Front End: HTML, CSS, Vaadin - (competent)

Databases: PostgreSQL, MySQL

Other: SMTP, Twilio, RESTful APIs, Two-Factor Authentication (2FA)

🌐 LANGUAGES

- English (competent user)
- Bangla (Native Speaker)