



# Md. Firoze Hossain

Dhaka, Bangladesh | [firoze.hossain01@gmail.com](mailto:firoze.hossain01@gmail.com) | +88 01714-271620

[linkedin.com/in/firoze-hossain](https://linkedin.com/in/firoze-hossain) | [github.com/firoze-hossain](https://github.com/firoze-hossain) | [firoze.vercel.app](https://firoze.vercel.app)

## WORK EXPERIENCE

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### Software Developer

July 2024 - Continue

United Hospital Limited | Dhaka, Bangladesh

- Developed core hospital management system using Spring Boot, Java 21 and PostgreSQL.
- Designed base service architecture for consistent and efficient module integration.
- Implemented custom audit trail for enhanced security and compliance.
- Integrated advanced security protocols to safeguard patient data.
- Streamlined operations across patient management, HRM, Lab and accounting modules.

### Junior Software Engineer

Aug 2022 - Dec 2023

LeadSoft Bangladesh Limited | Dhaka, Bangladesh

- Proficient in translating business problems into technical solutions.
- Skilled in researching and implementing new technologies.
- Experienced in integrating third-party APIs like Porichoy NID Server for face matching.
- Developed microservices for General Insurance and built CI/CD Pipelines using Jenkins
- Expertise in API Development using Spring Boot, including unit testing and code review.

## PROJECTS

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### Ecommerce: [Link](#)

- Developed a dynamic eCommerce using Spring Boot and Thymeleaf, incorporating essential functionalities:
- Implemented a comprehensive product catalog for browsing products.
- Developed secure billing and checkout processes, ensuring smooth transactions.
- Created a dynamic shopping cart that allows users to manage their selections.
- Designed user-friendly web pages with Thymeleaf for enhanced navigation.

### Scope of Improvement:

- Integrate payment gateways for seamless transactions.
- Introduce a recommendation engine based on user preferences.
- Enhance search capabilities and implement order tracking.
- Optimize for scalability and add wishlist functionality.

## CERTIFICATIONS

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Data Structures and Algorithms: Deep Dive Using Java	<a href="#">View credentials</a>
Java Intermediates by CodeChef	<a href="#">View credentials</a>
Top-Up IT training under NASSCOM IT-ITES on Java	<a href="#">View credentials</a>
Learn Spring Boot in 100 Steps- Beginner to Expert	<a href="#">View credentials</a>
Master Hibernate and JPA with Spring Boot in 100 Steps	<a href="#">View credentials</a>
Angular - The Complete Guide (2023 Edition)	<a href="#">View credentials</a>
Build an Online Bank with Java, Angular 2, Spring	<a href="#">View credentials</a>
Java (Basic)	<a href="#">View credentials</a>

## EDUCATION

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### BSc in Computer Science and Engineering

International University of Business Agriculture and Technology (Bangladesh)

CGPA: 3.16

## SKILLS

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Java | Spring Boot | Spring Security | JPA and Hibernate | Rest API | JWT | OpenAPI | Docker | Kubernetes | CI/CD | GitHub | Jenkins | Automation | Unit Testing | MySQL | PostgreSQL | TypeScript | Backend Development | Linux | Project Management | Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity