

Md Nayeem Hossain

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PROFESSIONAL SUMMARY

Full-stack Java Developer with 1+ years of experience in building scalable enterprise applications using Spring Boot, Angular, and microservices architecture. Proven ability to develop and optimize healthcare and HRMS platforms, with expertise in REST APIs, containerization, and AI integration. Seeking to leverage technical skills in backend development to contribute to innovative software solutions.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, HTML, CSS, SQL

Frameworks: Spring Boot, Spring Framework, Spring AI, Angular, Hibernate, Bootstrap

Tools & Platforms: Git, GitHub, Maven, PostgreSQL, JWT, OAuth 2.0, Jira, Docker, Microsoft Teams

Concepts: Microservices, RESTful APIs, Agile Methodologies, AI Integration (MCP Client/Server)

PROFESSIONAL EXPERIENCE

Junior Software Engineer

Feb 2025 – Present

Dhaka, Bangladesh

- eGeneration PLC
- Developed and maintained 10+ microservices for eG-Health, eG-Accounting and eG-HRMS platform using Spring Boot, reducing deployment time by 40% and improving system modularity
 - Implemented JWT and OAuth 2.0 authentication for 2 enterprise applications, enhancing security and reducing unauthorized access incidents
 - Participated in Agile/Scrum ceremonies using Jira, contributing to 95% on-time delivery of sprint commitments

Java Developer Intern

Nov 2024 – Jan 2025

Dhaka, Bangladesh

- eGeneration PLC
- Developed 15+ REST APIs for healthcare platform using Spring Boot and Hibernate, supporting CRUD operations and business logic.

PROJECTS

Payroll Management System

github.com/MD-NYM/Payroll_Management_System_Final

Angular, Spring Boot, MySQL, Java, RESTful API

- Developed a full-stack payroll management system with comprehensive employee data management, payroll processing, and benefits administration features.
- Implemented RESTful APIs using Spring Boot for efficient data handling and business logic operations.

EDUCATION

IsDB-BISEW IT Scholarship Programme

Nov 2023 – Oct 2024

Diploma in Enterprise Systems Analysis & Design (Java Enterprise Edition)

Dhaka, Bangladesh

- Specialized in Java EE, Spring Framework, and enterprise application development

University of Dhaka

Aug 2014 – May 2019

Bachelor of Science

Dhaka, Bangladesh

CERTIFICATIONS

- Web and Mobile App Development using Spring Boot, Android and Flutter – IsDB-BISEW

ADDITIONAL INFORMATION

- Languages:** English (Fluent), Bengali (Native)

- Interests:** Enterprise Software Development , AI Research, AI Agent Development (MCP Architecture), Technical Blogging & Knowledge Sharing.