


Mehedi Hassan Nayeem

Software Engineer

Personal Information

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 Dhaka, Bangladesh

 7th September 2003

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 //portfolio

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 //video-introduction

Skills Background

Programming Languages and Platforms

- Advance Java | Java Core | Java Swing | NodeJS

Frontend Technologies

- Excellent skill in HTML | CSS | JavaScript | jQuery | jQuery UI | Ajax | JSON

Server, Server Languages and Engines

- **Web Server**
Apache 2.4 | Tomcat 8, 9, and 10
- **Advance Servlet** | JSP | JSTL | JDBC | Hibernate ORM | Thymeleaf | JPA and CRUD Repository

Known Frameworks

- **Spring Framework**
Spring Core | Spring AOP | Spring Web MVC | Spring Instrumentation | Spring Testing
- **Excellent skills** in Spring Boot | Angular | Angular Core | Bootstrap 4, 5

Career Journeys

I am obtaining my bachelor's degree from Roehampton University with one of their ATP partner Lithan Academy. I'm still a fresher, so I have yet to gain experience. Coming to my previous education, I have accomplished my higher secondary and secondary school certificates, both from a science background in my native country. Throughout my grade or class 10, 11 and 12, I have learnt C, C++ and #C, along with HTML, CSS, and JavaScript in college. For that, I have designed more than 450+ websites till now and five full-fledged websites throughout my 1st year at Lithan Academy.

Developed Projects

❖ **ABC Cars** – used car-selling web application. **November 2022 – December 2022**

- Designed, developed, and tested JEE based full-fledged production-ready used car management application for 'ABC Cars Pvt Ltd' where users can search for cars, post their vehicles, or bid on other cars after registering, and see basic information and recent blogs regarding the company. Admin can control each content, post, bid, and other things from **Graphical User Interface** (GUI) based admin panel.

- The company asked me to build a car management web application from where they can easily maintain their customer, customer posts, and biddings. Once the company approved my proposal and design, I started working on the project to be done within time. Below technologies are used to develop the application.

Used **designing software** – Axure | **RDBMS and languages** – MySQL 8.0, SQL, JPQL, HQL | **server, languages, and engines** - Java, HTML, CSS, JavaScript, jQuery, jQuery UI, AJAX, Tomcat, Servlet, JSP, JSTL, JDBC, Hibernate ORM, JPA repository | **framework** – spring boot and bootstrap 5.2 | **testing method** – JUnit5 | **editor** – Spring Tool Suite 4.

❖ **ABC Jobs Portal** – jobs portal web application. **September 2022 – October 2022**

- Designed, developed, and tested a JEE-based full-fledged production-ready job management application for 'ABC Jobs Pvt Ltd' where users can apply for jobs, enrol in several e-learning or career development courses, search and connect with users, and post on each other's posts. On the other hand, the admins can control each section, respond to the queries, and invite users using bulk emails through GUI based admin panel.

- The company wanted a job management application they could use to maintain their users, user posts, job posts, and learning materials to increase their revenue. Once everything was settled between both parties, I used the following technologies to develop the system.

Used **designing software** – Axure | **RDBMS and languages** – MySQL 8.0, SQL, JPQL, HQL | **server, languages, and engines** - Java, HTML, CSS, JavaScript, jQuery, jQuery UI, AJAX, Tomcat, Servlet, JSP, JSTL, JDBC, Hibernate ORM, JPA repository | **framework** – spring boot and

Skills Background

DBMS and RDBMS

- Advance SQL Language | MySQL 5, 8 | MySQL Workbench 5, 8 | Database Testing | MongoDB

Content Management System (CMS)

- Excellent skills in Liferay 7.4 | WordPress

Testing Capabilities

- **Functional Testing**
Unit | Integration | System | Sanity | Smoke | Interface | Regression | Beta | Alpha | Acceptance
- **Non-Functional Testing**
Performance | Load | Stress | Volume | Security | Compatibility | Install | Recovery | Reliability | Usability | Compliance | Localization | Postman

Preferred Designing Tools

- Axure | Adobe Photoshop | Adobe Illustrator | Adobe Xd | Draw.io | Figma | Balsamiq

Preferred Code Editors

- Visual Studio Codes | IntelliJ | Eclipse | Spring Tool Suite (STS)

Others

- Git and GitHub | Rest API | OAuth Integration | Webhook Integration | Project (planning, scheduling, and management) | Adobe Premiere Pro | Adobe After Effects | Adobe Lightroom | Microsoft Access | Microsoft Excel | Microsoft Word | Microsoft PowerPoint

❖ AAA Hosting – consumer management application. October 2022 – November 2022

Designed and developed a JEE-based web hosting website for ‘Triple AAA’ to maintain their selling service and consumers using the following technologies –

Content Management System (CMS) – Liferay 7.4 IDE with tomcat nine server bundle | **RDBMS and languages** – MySQL 8.0, SQL.

❖ ABC Learning Center – learning management web application. March 2022 – May 2022

- Developed browser local storage-based learning management system for ‘ABC Learning Institute’ to manage their course, students, and stuff from a GUI-based admin panel. Used technologies are –

Languages – HTML, CSS, JavaScript, jQuery, jQuery UI, and browser local storage | **editor** – visual studio code.

❖ ABC Jobs Portal – job management web application. June 2022 – July 2022

- Designed and developed an angular-based job management website for ‘ABC Jobs Pvt Ltd’ to maintain their users, user posts, and website contents. Users can register, log in, search for others and see other users’ details. Used technologies are -

Designing software – Axure | **framework** – angular, angular core and bootstrap 5.2 | **Code Editor** – visual studio code.

- ❖ **XYZ Cars** – call selling web application.
- ❖ **MCQ Test Exam** – An exam taken desktop application.
- ❖ **MCQ Test Exam** – An exam taken by the console application.
- ❖ **Battleship** – 2D battleship war game.

Educational Background

Degree: B.sc in Software Engineering Institute: Roehampton University, UK CGPA: Ongoing Year of Passing: 2026	Degree: HND in Software Engineering Institute: Lithan Academy, Singapore CGPA: Ongoing Year of Passing: 2024
Degree: Higher Secondary School Certificate Institute: Dhaka City College, Bangladesh GPA: 5.0 out of 5.0 Year of Passing: February 2022	Degree: Secondary School Certificate Institute: Ideal School and College, Bangladesh GPA: 5.0 out of 5.0 Year of Passing: May 2019

Language Literacy

English – Fluent | **Hindi** – Fluent | **Bangla** – Native