MUHAMMAD HASSAN

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Portfolio: m-hassan.herokuapp.com

SOFTWARE DEVELOPER

Mobile Applications | Object Oriented Programming | Web Development

HIGHLIGHT OF QUALIFICATIONS

- Advanced diploma in software engineering technology
- Skillful at developing and implementing backend and frontend applications using Spring Boot, Node.JS, express, Angular, React, JWT, SQL and MongoDB databases
- Experience in HTML, CSS, JavaScript, TypeScript, C#, and Java
- Capable of using Git for version and flow control
- Capable of learning quickly and comfortable with fast paced and challenging environments
- Eager to develop new and advanced skills in software design and development

EDUCATION

Software Engineering Technology Co-op (Fast Track)   **Jan 2021 – Present**
Centennial College, Toronto, ON, Canada   *Expected Graduation:* Dec 2022
- GPA 4.2/4.5

Bachelor of Electrical Engineering
University of Engineering and Technology, Lahore, Pakistan

RELATED COURSES

- Web Application Development
- Mobile Application Development
- Object Oriented Software Design
- Software Testing and Quality
- Advanced Concepts in Programming
- Data Structures and Algorithms
- SQL and Non-SQL Database

TECHNICAL SKILLS

IDE Tools
Visual Studio Code, Visual Studio, Eclipse, Spring Tool Suite, Notepad++

Technologies
Spring Boot, .NET Framework, Angular, React, TypeScript, Angular Material, NodeJS, express, JWT, JavaScript, HTML, CSS, LINQ, Oracle SQL Database, MongoDB

PROJECTS

Academic Project 1: E-commerce Website Frontend
Description: Used Angular and Node.js to design and implement frontend of an e-commerce solution. Application was able to retrieve data from a backend API and display a list of products containing image and description of each of the products. Additional functionality included adding products to cart and navigation. Used bootstrap and CSS for styling.

Academic Project 2: Web-Messenger
Description: Worked on a web messenger application. Used Node.js and React to design Signup and sign in page and implemented backend API for new user registration and authentication. Used Material-UI for styling.

Academic Project 3: Employee Data Management Application
Description: Worked in a team to make an employee data management application using Spring Boot for backend API development. Implemented token-based authentication. It helped easy retrieval of data.

Academic Project 4: Portfolio Website Design and Deployment
Description: Used TypeScript with Node.js and express to design and implement my portfolio website. Implemented routes, controllers, and 'ejs' as a view templating engine. Deployed it on Heroku cloud (m-hassan.herokuapp.com).