MOHSIN ALI

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SOFTWARE ENGINEER | FULL-STACK DEVELOPER | SOFTWARE TESTING

BSc. in Software Engineering, As a Software Engineering and Testing Intern at Petronas Digital, I specialize in user-friendly front-end development with Angular, .NET Core backend API creation, and MSSQL database management. Skilled in Git for version control, I conduct rigorous unit testing with Karma and Jasmine, ensuring software reliability. Leveraging Azure DevOps, to streamline project management. I have worked on Projects using MERN stack as well. With a versatile skill set, I'm ready to drive innovation in any tech environment.

CORE COMPETENCIES AND ACHIEVEMENTS

- **Front-end Development with Angular & React.js:** Proficient in creating user-friendly front-end interfaces using Angular and React.js framework.
- **Backend API Development with Node.js:** Skilled in developing robust backend APIs using Node.js With Express.js.
- **Database Management with MSSQL**: Experienced in managing databases using Microsoft SQL Server and PostgreSQL for efficient data storage and retrieval.
- **Version Control with Git:** Competent in utilizing Git for version control, enabling collaborative development, and tracking changes.
- **Unit Testing with Karma and Jasmine**: Knowledgeable in conducting unit tests using Karma and Jasmine frameworks to ensure code quality and reliability.
- **Project Management with Azure DevOps:** Capable of utilizing Azure DevOps for project planning, tracking, and collaboration, enhancing team productivity and workflow efficiency.
- **Systems Utilization and Technology Skills**. Proficient use of Windows and Mac operating systems, well versed with MS Office Suite (Word, Excel, PowerPoint).
- **Programming:** C++, Python, HTML5, CSS3, JavaScript, Angular, React.js, JQuery, Node.js, Express.js, MongoDB, RestfulApi, Bootstrap, Figma, MSSQL, Git, GitHub, Firebase, Flutter
- **Software:** Visual Studio, Visual Studio Code, Spring Boot, PyCharm, Eclipse, IntelliJ, GitHub Desktop, Clockify, Jira Software, Azure DevOps, MS SQL Server 2019
- **Language:** Bahasa Malaysia (Conversational), English (Native), Urdu (Native), Punjabi (Conversational and reading), Arabic (Reading)
- **Programing Clinic 2022:** Worked to make sure the smooth running of programming hackathon for school of computing at UTM.
- **Financial Literacy Workshop (2022):** Held an event for high school students in Pontian to educate them about financial literacy and gave my insights on proper financial education.
- **Educational Workshop in Kota Belud, Sabah (2023):** Held three days' workshop in collaboration with University Malaysia Sabah (UMS) to raise awareness about the importance of getting higher education for the young people in Kota Belud.

PROFESSIONAL EXPERIENCE

Software Engineering and Testing Intern
Petronas Digital Sdn. Bhd.   **NOV 2023 - PRESENT**
Worked in 16 members team to develop a full-stack website with user-friendly frontend using Angular, develop backend APIs using .NET Core, manage MSSQL databases, employ Git for version control, conduct unit testing using Karma and Jasmine, and utilize Azure DevOps for project management.

Business Development Intern
mOX · Apprenticeship, Kuala Lumpur   **JUN 2023 – OCT 2023**
Engage in business development activities, including sales, outreach services, LinkedIn marketing, and lead generation efforts.

Social Media Marketing Internship
Project C Foundation, Singapore   **SEP 2022 – DEC 2022**

Creating innovative social media strategies and campaigns while monitoring and analyzing their performance data.

EDUCATION AND TRAINING

Universiti Teknologi Malaysia (UTM)
Bachelor of Computer Science (Hons) major in Software Engineering

Universiti Teknologi Malaysia (UTM)
Foundation in Computer Science

Fauji Foundation College, Rawalpindi
Pre-Engineering

CERTIFICATIONS

- The **Complete 2024 Web Development** Bootcamp by **Angela Yu** on Udemy
- Programming for Everybody **(Getting Started with Python**) by **University of Michigan**
- **Angular**: Getting Started **by Deborah Kurata on Pluralsight**
- **Mastering Data Structures & Algorithms** using **C and C++** by **Abdul Bari** on Udemy