

MENAHIL NADEEM

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Summary:

Versatile Software Engineer skilled in full stack development, databases, API building, project management, agile practices, strong proficiency in React.js, Node.js, Express.js, and MongoDB and UI/UX design. Experienced in managing numerous projects during coursework, fostering robust technical skills.

Education

COMSATS UNIVERSITY

Bachelor of Software Engineering

CGPA 3.47/4

Lahore, Pakistan

September 2020 – June 2024

Key Skills

Programming Languages: C, C#, Python, Java, JavaScript, HTML, CSS, JQuery, SQL, MERN stack, React.js, Node.js, Express.js, React Native

Software Tools: Microsoft SQL Server, MongoDB, Jupyter, Google Colab, VS code, Postman, Figma, Linux, Balsamiq, MySQL, Docker, JMeter, DOCKER, JIRA, selenium, Apache, Android Studio, Firebase

Soft Skills:

Problem-solving | Communication Skills | Leadership | Time Management | Collaboration | Team Work

Projects

MILLERS VANTAGE (solo FYP)

July 2023 – Present

As a **Full Stack Developer**, I implemented final year project to handle the operations of flour mills of Pakistan.

- Implementation was done using React.js, Node.js, Express.js and SQL. It automated the flourmill operations and reduced manual work up to **40%**.
- Planned future work to integrate other required modules into the project to promote inclusivity.

CURRENCY NOTE PREDICTION

February 2024 – June 2024

A semester project to develop a predictive model to analyze and identify the class of note. Achieved a nearly **95% accuracy** rate of model using SVM and KNN.

REPORT INSIGHT MOBILE APP

September 2023 – January 2024

A solution for flourmill industry, using **React native** and firebase was implemented to view the reports according to demands for powerful decision making.

PHARMACY MANAGEMENT SYSTEM

April 2022 – June 2023

A solution with C for local pharmacies. Designed and implemented system using advanced data structures and algorithms to efficiently manage pharmacy operations and reduced processing time by **30%**.

FINANCE MANAGEMNET DATABASE DESGIN

February 2022 – June 2022

A semester project to build analysis services for flour mills. Applied normalization up to the Third Normal Form (3NF) in the database design, reduced redundancy by **25%**, enhanced data storage.

Extracurricular & Volunteer Experience

- Participated in Microsoft Student Ambassadors Workshop {AI, GIT&GITHUB}. **2021**

Certifications and Awards

ONLINE COURSES (Other certificates are attached on linkedin profile)

- Developing Back-End Apps with Node.js and Express– Coursera **2023**
- Creating a Multi Page App using HTML & CSS – Coursera **2023**
- Scripting with Python and SQL for Data – Coursera **2023**
- Programming Foundations with JavaScript, HTML and CSS – Coursera **2023**
- JAVA for Android– Coursera **2022**

AWARDS

- Received EHSAS scholarship (fully funded with stipend) **2020-2024**
- Received merit-based Laptop Award from Prime Minister of Pakistan **2023**