MOHAMMED YASIR

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EDUCATION

Master of Applied Computer Science, Concordia University   May 2024 - April 2026
Relevant Coursework: Distributed Systems Design, Algorithms Design Techniques, Advanced Programming Practices, Programming and Problem Solving, Applied AI, Software Design(Agile Development and SDLC).

B.E in Information Science and Engineering, Dayananda Sagar College of Engineering, India   2018 - 2022

SKILLS

Languages: Java, Python, JavaScript, C++, SQL, MySQL.
Libraries & Frameworks: ReactJS, Node.js, Express, Material UI, Django, Pandas, NumPy.
Tools & DevOps: Docker, Kubernetes, Linux, Git/GitHub, Postman, AWS.
Other: Data Structures and Algorithms, OOP, Unit Testing, Microservice Architecture, REST API Development.

EXPERIENCE

Frontend Developer Intern, Vosyn AI, Etobicoke, Canada   Sep 2024 - Oct 2024

- Developed and tested **React components** using React Testing Library, improving UI test coverage by **20%**.
- Contributed to the Data and Privacy Settings feature, reducing user setup time by **15%** through improved UI/UX.
- Collaborated with **2+ backend engineers** and supervisors to ensure seamless frontend-backend integration showcasing cross-functional collaboration.

Associate Developer, Tyson Foods, Bangalore, India   Sep 2022 - Mar 2023

- Involved in the development of processes and automated 2+ business processes using **BluePrism**, reducing manual effort by **90%**.
- Developed Python functions using Pandas for efficient Excel data processing, **improving speed 3x** and contributing to **significant cost reductions**.
- Attended **daily Agile meetings** with a team of **7+ engineers**, collaborating with cross-functional teams.

Full Stack Developer Intern, Tyson Foods, Bangalore, India   Apr 2022 - Sep 2022

- Developed 5+ UI components using ReactJS & Material-UI, improving dashboard efficiency.
- Optimized a core feature, reducing API response and **processing time by 20%**, improving user experience.
- Led the development of a new feature used by **15+ employees**, improving **workflow efficiency**. Collaborated within an **Agile team** to ensure smooth and agile deployment and integration.

PROJECTS

Xtrov - Social Media Application (2024): Developed a social media application using **ReactJS**. Implemented persistent dark mode and designed a **real-time backend system** with **Node.js, ExpressJS, MySQL**. [GitHub](#)

RBAC System (2024): Designed a React-based User Management System with **Role-Based Access Control (RBAC)** for login, signup, and role-specific permissions. Built an **Admin Dashboard** for managing users, roles, and permissions using **Material-UI** and **Context API**. Ensured **data persistence with Local Storage**. [GitHub](#)

Chartered Accountancy Website (2023): Created a **responsive website with animations** and a dynamic contact page using **HTML5, CSS3, JavaScript**. [GitHub](#)

EXTRA-CURRICULAR

- Solved over **300+ problems** on various coding platforms like **Leetcode**, **Codechef** and **Geeksforgeeks** to improve **problem solving** and to understand **data structures and algorithms**.
- Earned **Certificate of International MUN**, participating as a delegate in global discussions.