

Aaryen D'Souza

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TECHNICAL SKILLS

- Programming languages: Java | JavaScript
- Frameworks/Libraries: React | Express | Bootstrap | Tailwind | Selenium
- Databases: MySQL | Oracle SQL | MongoDB
- Tools and Software: Figma | Git | Canva | VS Code | Microsoft Office
- Operating Systems: Windows | Linux

EDUCATION

Master of Applied Computing

May 2024 - Present

University of Windsor, Windsor, ON

- Available for a 4 - 8-month internship starting May 2025: Degree Completion directly after internship

Bachelor of Engineering - Computer Engineering

Aug 2018 - May 2022

Universal College of Engineering, Mumbai, India

- CGPA: 8.58/10

PROFESSIONAL EXPERIENCE

Software Engineer

Jul 2023 - Mar 2024

Vermont Information Processing, Mumbai, India

Java, JavaScript, Oracle SQL, Bash

- Conducted data validations, promptly troubleshooting and resolving 95% of data quality issues within 24 hours, and provided detailed reports to stakeholders
- Investigated and resolved customer-reported issues, performing root cause analysis (RCA) by analyzing applications and logs, reducing issue resolution time by 40%
- Gathered requirements from customers and business analysts, ensuring a clear understanding of project needs and goals
- Documented data integration processes, ETL workflows, and system configurations, ensuring thorough knowledge transfer and decreasing onboarding time for new team members by 25%
- Initiated and created Bash scripts to automate routine tasks, optimize data workflows, reduce manual interventions by 50%, and enhance onboarding efficiency

ADDITIONAL PROJECTS

Movie DB

Apr 2023

Personal, Mumbai, India

React, ViteJS, Tailwind

<https://github.com/aaryen-dsouza/Movie-App>

- Developed a ReactJS-based movie application using ViteJS and the TMDb API, enhancing user experience by providing easy access to comprehensive movie information
- Implemented a responsive UI with Tailwind CSS, resulting in a seamless user experience across devices increasing usability

Bus Pass Scanner

Mar 2022

Universal College of Engineering, Mumbai, India

React, NodeJs, Express, Material UI

https://github.com/aaryen-dsouza/BusPass_Scanner

- Collaborated as a team of 3 to design and build a cross-platform application designed for authentication of bus passes in college
- Developed dynamic, responsive user interfaces using React, and improved security by implementing JWT-based authentication, decreasing unauthorized access attempts and increasing usability across devices

Expenses Manager

Dec 2021

Personal, Mumbai, India

React

<https://github.com/aaryen-dsouza/Expenses-Manager>

- Created an expense management web app through React, leveraging state management to manage states and render lists dynamically, strengthening user interaction
- Designed and executed a user-friendly interface allowing users to effortlessly add and visualize monthly expenses through bar charts, improving personal financial tracking and analysis

CERTIFICATES

Selenium Essential Training, LinkedIn Learning

Jun 2024

- Selenium and Test Automation

JavaScript - The Complete Guide 2022, Udemy

Jul 2022

- JavaScript, Object-oriented programming

JavaScript - The Advanced Concepts (2022 Update), Udemy

Jul 2022

- JavaScript

The Complete Oracle SQL Bootcamp (2022), Udemy

Jul 2022

- Oracle SQL, RDBMS, Oracle SQL Developer

Learn Linux In 5 Days And Level Up Your Career, Udemy

Jul 2022

- Fundamentals of Linux and Bash Scripting

HTML, CSS, and JavaScript for Web Developers, Coursera

Sep 2020

- HTML, JavaScript, CSS and CSS Framework