

Aaryen D'Souza

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TECHNICAL SKILLS

- **Programming languages:** Java | JavaScript | TypeScript
- **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 2022 - Mar 2024

Vermont Information Processing (Acquired Vistaar US in Jul 2023), 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

- 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 receiving positive feedback from users for better user experience and increased usability across devices

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

JavaScript - The Complete Guide 2022, Udemy

Jul 2022

JavaScript - The Advanced Concepts (2022 Update), Udemy

Jul 2022

The Complete Oracle SQL Bootcamp (2022), Udemy

Jul 2022

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

Jul 2022

HTML, CSS, and JavaScript for Web Developers, Coursera

Sep 2020