

Aaryen DSouza

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TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, SQL, HTML/CSS
Frameworks: React, Node.js, Express, WordPress, Material-UI, Bootstrap, Tailwind CSS
Databases: Oracle SQL, PostgreSQL, MySQL, MongoDB, PL/SQL
Developer Tools: Git, GitHub, VS Code, IntelliJ, Postman, Microsoft Office, Firebase, Figma, Canva
Other Skills: Windows, Linux/Unix (Ubuntu, CentOS), Shell Scripting

EXPERIENCE

Software Engineer | Oracle SQL, MS Excel, Bash/Shell Scripting, Java, JavaScript July 2022 – Mar 2024
Vermont Information Processing (Acquired Vistaar US in July 2023) Mumbai, India

- Ensured data integrity by conducting data cleaning, preprocessing and validations through Oracle SQL and MS Excel, resolving 95% of data quality issues within 24 hours, and providing detailed analysis reports to stakeholders.
- Reduced issue resolution time by 40% for 100+ customer-reported issues by performing in-depth root cause analysis (RCA) on legacy app server and Oracle database, leading to faster issue identification and customer satisfaction.
- Automated ETL workflows by implementing Bash/Shell scripts, optimizing data workflows, and reducing manual interventions by 20%, which led to improved data onboarding efficiency.

PROJECTS

Chat App | React, Typescript, Firebase, Zustand, Tailwind CSS, Git Sep 2024
[GitHub](#)

- Built a real-time chat application using React, TypeScript, and Firebase, enhancing user interaction with an intuitive and responsive UI.
- Implemented real-time data synchronization and user activity status tracking (Online, Away, Offline), leading to improved usability and engagement.

Movie App | React, ViteJS, Tailwind, Git, TMDb API Apr 2023
[GitHub](#)

- Built a React-based movie application using ViteJS and TMDb API, enabling seamless access to comprehensive movie information.
- Designed and implemented a responsive UI with Tailwind CSS, improving usability across devices and enhancing the user experience.

Bus Pass Scanner | React, NodeJs, Express, MongoDB, Material UI, Git Mar 2022
[GitHub](#)

- Designed and developed a cross-platform bus pass authentication application as part of a 3-member team, enhancing security and efficiency in college transportation.
- Implemented a dynamic, responsive UI using React and Material UI, improving accessibility and user experience across devices.
- Integrated JWT-based authentication, reducing unauthorized access attempts and strengthening the overall security of the system.

Expenses Manager | React, JavaScript, CSS, Git Dec 2021
[GitHub](#)

- Developed an expense management web app using React, implementing state management for dynamic list rendering and enhanced user interaction.
- Designed and integrated bar chart visualizations to improve financial analysis, helping users gain better insights into their spending patterns.

EDUCATION

University of Windsor Windsor, ON
Master of Applied Computing May 2024 – Present

University of Mumbai Mumbai, India
Bachelor of Engineering - Computer Engineering Aug 2018 – May 2022