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*