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
Developer Tools: Git, GitHub, Docker, 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 – March 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 provided 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

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*   June 2020 – Present
- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git*   May 2018 – May 2020
- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

EDUCATION

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

University of Muumbai   Mumbai, India
Bachelor of Engineering - Computer Engineering   *August 2018 – May 2022*