Rishi Prasath

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Software Engineer (4 years of experience) passionate about building user-centric applications. Proven ability to design, develop, and deploy full-stack web applications and optimize data pipelines (**ETL**). Eager to leverage solid technical skills (**Python, JavaScript, React, Django**) and problem-solving abilities to contribute to a collaborative engineering team.

SKILLS

Languages / DB: Python, Java, C++, C#, JavaScript, TypeScript, MySQL, MS SQL, MongoDB, Hive
Frameworks / Tools: React Native, ReactJS, Node.js, Django, PySpark, Visual Studio Code

WORK EXPERIENCE

Software Engineer, TCS, Singapore   Nov 2022 – Present

- Migrated data pipelines from legacy tools (**DataStage** and Teradata) to modern technologies (**PySpark** and **Hive**) for a banking client, ensuring a smooth transition and improved data processing efficiency.
- Optimizing PySpark scripts increased data processing precision and reliability and ensured the accuracy and integrity of data in regulatory reporting.

Software Tester, Beyondsoft International, Singapore   Ост 2020 – Nov 2022

- Ensured exceptional user experience for gamers by performing comprehensive testing on over 200 gaming peripherals and resolving customer-reported defects to optimize performance and quality.

PROJECTS
Refugee Job Portal (React, Django,Typescript) - 2024 (Development Ongoing)
- Created a job portal for refugees and asylum seekers in the UK with dynamic user roles and tailored functionalities. (GitHub: https://github.com/RishiPrasath/Refugee-Job-Portal)

E-Learning App (Django, Redis Websockets) - 2024
- Built a secure e-learning platform with real-time features and course creation tools. (GitHub:https://github.com/RishiPrasath/E-Learning-App-V2)

Movie Review App (React Native, Node.js, TypeScript, Express.js, MongoDB) - 2023
- Developed a movie review app with search, ratings, and user accounts. Integrated TMDb API and JWT authentication for secure logins. (GitHub:https://github.com/RishiPrasath/MovieReviewApp)

RecipeHunters (MongoDB, Express.js, React, Node.js) - 2023
- Collaborated on a recipe search app with advanced filtering for dietary needs. (GitHub:https://github.com/RishiPrasath/RecipeHunters)

EDUCATION

University of London, Bachelor of Science — Computer Science (expected Jan 2025)
Republic Polytechnic, Diploma in IT Service Management (2018)