

Rishi Prasath

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I am an experienced software engineer seeking a development role to apply my skills and engage directly with end users to enhance their experience.

EXPERIENCE

TATA Consultancy Services, ETL Developer

Nov 2022 - PRESENT

- Developed ETL jobs to migrate from DataStage and Teradata to PySpark and Hive, ensuring a seamless transition for a banking client.
- Optimized PySpark scripts, enhancing data processing precision and reliability.
- Boosted data accuracy and efficiency, facilitating the generation of regulatory reports with enhanced reliability and compliance.

Beyondsoft International, Software Tester

Oct 2020 - Nov 2022

- Performed comprehensive functionality and usability tests on over 200 gaming peripherals, ensuring optimal performance.
- Skillfully addressed and resolved customer-reported defects, enhancing product quality and user satisfaction.

PROJECTS

E-Learning App

Duration: Jan 2024 - March 2024

University of London | **Tech Stack:** Django, HTML, CSS, Redis Websockets

- **User Management:** Personalized access, secure authentication, and real-time communication.
- **Course Management:** Course creation, content sharing, and automated notifications.
- **Student Engagement:** Course enrollment and feedback provision.
- **Access and Personalization:** Controlled access and profile personalization.
- **GitHub Repository:** <https://github.com/RishiPrasath/E-Learning-App-V2>
- **Demo Video:** <https://youtu.be/zuGVYwmjwY4>
- **Report:** Final Report.pdf

Movie Review App

University of London | **Tech Stack:** React Native, Node.js, TypeScript, Express, MongoDB

Duration: July 2023 - Sept 2023

- Individual project: Web app allowing users to rate films based on aspects like story, screenplay, and cinematography.
- Integrated TMDb API for movie data, user registration, login, and JWT authentication.
- Users can search, review, and rate movies.
- **GitHub Repository:** <https://github.com/RishiPrasath/MovieReviewApp>
- **Demo Video:** <https://youtu.be/ki9A2W8Pejo>
- **Report:** Final Report.pdf

RecipeHunters

University of London | **Tech Stack:** MongoDB, ExpressJS, ReactJS, NodeJS

Duration: Oct 2022 - Mar 2023

- Full-stack web app for recipe search based on dietary preferences, ingredients, calories, cuisine, and duration.
- Utilized ReactJS and MongoDB Atlas for seamless functionality.
- Collaborated on the front end, REST API, and database integration.
- **GitHub Repository:** <https://github.com/RishiPrasath/RecipeHunters>
- **Report:** Final Report.docx

EDUCATION

University Of London, BSc Computer Science

Oct 2020 - Expected 2024

Republic Polytechnic, Diploma in IT Service Management

April 2015 - April 2018

SKILLS

Programming Languages:

Python, JavaScript, TypeScript,
HTML, CSS, Java, C#, C++

Frameworks:

React Native, ReactJS, Node.js,
Django, PySpark

Integrated Development Environments (IDEs):

Visual Studio Code, IntelliJ,
Eclipse, PyCharm

Version Control:

GitHub

Databases:

MySQL, MS SQL, MongoDB,
Hive

Operating Systems:

Linux, Unix, Windows

AI Tools:

Github Copilot, ChatGPT