SHARAD PATEL

SOFTWARE DEVELOPER

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Website 🗀

GitHub 😡

PROFILE

I am a Software Developer based in Melbourne actively seeking to leverage my technical background into a fulfilling career. With a deep-rooted passion for Technology and Design, I am captivated by the architecture of software. My extensive experience in crafting full-stack solutions has developed my comprehensive understanding of how to build web applications at scale using **C#**, **JavaScript** and **SQL**. My proven ability to develop **RESTful API's**, optimise database performance and collaborate with cross-functional teams positions me uniquely for roles that require multifaceted technical acumen.

PROFESSIONAL EXPERIENCE

Full-Stack Software Developer

Mar 2021 - Dec 2023

Atkins Realis, London

- Delivered end-to-end features, allowing admins to manage users, organisations and supply chains, by building several API endpoints using PostgreSQL and .NET MVC with Dapper. This resulted in a 4% decrease in user complaints.
- Wrote documentation on API endpoints in Azure DevOps, detailing how to use and test them, fostering collaboration with fellow developers and greater time saved on the project.
- Drove work to allow users to view which assets are in a specific area on a map using **React**, leading to a **3% reduction** in misplaced assets around England.
- Improved database efficiency by creating SQL scripts to reduce the number
 of calls made to the database, ensuring optimal use across the platform.
 This led to a 6% increase in performance.
- Overhauled the project allocation system with a new design using CSS,
 HTML and JavaScript, resulting in increased visibility and a 11% reduction in the number of individuals on the bench.

Data Analyst Intern

Feb 2020 - Apr 2020

Investec, London

- Conducted in-depth research on Investec's clients, collaborating closely with Investec's onboarding, data and operations teams to ensure data fidelity across the company.
- Created a SQL script that eliminated duplicate records, which constituted 5% of the total dataset. This resulted in reduced interdepartmental confusion and significant time savings locating the correct record, ultimately allowing a smoother process for onboarding clients.

EDUCATION

The University of Warwick

MEng General Engineering I 2.1

Oct 2015 - Jul 2019

COURSES

The Odin Project Present

Full-Stack JS Web Development

Udemy Feb 2023

Data science and Machine Learning

DataCamp Nov 2022

Data Science

Learning Tree Nov 2021

C#

SKILLS

Programming Frameworks

C# ASP.NET MVC

JavaScript React
HTML MSTest
CSS Dapper

SQL MATLAB Python

Platform/Tools

Azure DevOps

PostgreSQL

Git

Postman

Figma

Pandas

Scikit-Learn

Tableau

PowerBl