



SHARAD PATEL


SOFTWARE DEVELOPER

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[Website](#) 

[GitHub](#) 

PROFILE

I am a Software Developer 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 experience in crafting full-stack solutions has developed my comprehensive understanding of how to build web applications at scale using **C#, ReactJS** 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 the **.NET MVC** framework 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 **ReactJS**, leading to a **3% reduction** in misplaced assets around England.
- Improved database efficiency by simplifying **SQL** scripts to reduce query time, 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 of current projects and a **11% reduction** in the number of individuals on the bench.

PROJECTS

Blog Website

Jul 2024 - Present

ReactJS, NodeJS, MongoDB

- Building a **full-stack web application** to allow users to create blog posts and comment on them that focuses on some key concepts:
- Authentication** and **Authorisation** using **Passport JWT** to allow users to create an account, login and access protected routes depending on permissions
- Routing** in **ReactJS** and **NodeJS** to allow frontend and backend to communicate
- Design and creation of **database models** using **MongoDB** and **Mongoose**
- Developing **API** endpoints with **CRUD** operations on posts and comments
- State management** in ReactJS to keep track of posts
- Testing API endpoints using **SuperTest** and **Postman**

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](#) 

MongoDB

Jun 2024

[MongoDB](#) 

Udemy

Feb 2023

[Data Science & Machine Learning](#) 

DataCamp

Nov 2022

[Data Science with Python](#) 

Learning Tree

Nov 2021

[C#](#) 

SKILLS

Frontend

JavaScript

ReactJS

HTML

CSS

Backend

C#

Node JS

Python

MATLAB

Data

SQL (PostgreSQL)

NoSQL (MongoDB)

Pandas

Scikit-Learn

Tableau

Power BI

Tools

Azure

DevOps

Git

Figma

Frameworks

ASP.NET MVC

Express JS

MSTest

Testing

MSTest

Jest

SuperTest / Postman

React Testing Library

Mongo Memory Server