

SHARAD PATEL

SOFTWARE ENGINEER

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[Portfolio](#) 
[GitHub](#) 

PROFILE

I am a Full-Stack Software Engineer 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 Engineer

Mar 2021 - Dec 2023

AtkinsRéalis, London

- Built multiple **API** endpoints using **.NET MVC** to enable Admins to manage users, organisations, and supply chains, leading to a **4% reduction** in user complaints.
- Documented API endpoints using **Azure DevOps**, enhancing collaboration among developers, resulting in time savings on implementation.
- Incorporated functionality to display asset locations on a map using **ReactJS**, **minimising** the number of misplaced assets around England by **3%**.
- Optimised **SQL** scripts to enhance database efficiency, **boosting performance** by **6%** across the Admin platform.
- Redesigned the project allocation system using **CSS**, **HTML**, and **JavaScript**, improving project visibility and **cutting** the number of benched individuals by **11%**.

PROJECTS

Blog Website

Jul 2024 - Present

ReactJS, Node.js (Express), MongoDB

Building a **full-stack web application** to allow users to create blog posts and comment on them that focuses on the following 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 **Node.js** 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

Tools

Azure

DevOps

Git

Figma

Testing

MSTest

Jest

SuperTest / Postman

React Testing Library

Mongo Memory Server

Frameworks

ASP.NET MVC

Express