

# Shashant Dudam

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📍 London, UK [🌐 LinkedIn](#) [🐙 Github](#) [🔗 Portfolio](#)

## PROFILE

**Software Developer** by passion, creator by mindset. I build scalable, user-friendly apps with **React, Next.js, TypeScript, Python, AWS** and a touch of caffeine. Turning ideas into solutions—one keystroke at a time!

## EDUCATION

**MSc Computer Science | Distinction**

Coventry University

09/2022 – 09/2023 | Coventry, United Kingdom

**BSc Computer Science | 8.7 CGPA**

VSIT

08/2019 – 04/2022 | Mumbai, India

## COURSEWORK

Data Structures and Algorithms, Web Development, Machine Learning and Big Data, Object Oriented Programming

## SKILLS

**Programming Languages**

Javascript • Typescript • Python • Ruby

**Frontend**

React Js • Next JS • Vue Js

**Backend**

Node js • Python (Flask, Django) • AWS

**Miscellaneous**

Data Structures and Algorithms • MongoDB • SQL • NoSQL • Tailwind CSS • UI/UX • Git • Docker • GraphQL • AWS Amplify, S3, Lambda, Cognito, RDS, etc.

**Soft Skills**

Innovative • Collaboration • Cooperative • Accountability • Love challenges • Problem solving • Strong communication • Critical thinking • Analytical skills • Teamwork skills

## LINKS

[Leetcode](#) [🔗](#)

[Github](#) [🔗](#)

## ACHIEVEMENTS

- **Sole Developer of an E-Commerce Web App** – Built a full-fledged platform using ReactJS, Context API, and Firebase, integrating essential features like Google Places API, Stripe Payments, and QR code scanning.
- **LeetCode Enthusiast** – Solved 250+ complex problems, strengthening problem-solving and algorithmic thinking.

## CERTIFICATES

**AWS Certified Cloud Practitioner** [🔗](#)

Scored 749, demonstrating foundational cloud computing knowledge.

## WORK EXPERIENCE

**Software Engineer**

Carrybags Limited [🔗](#)

01/2023 – 09/2023 | Coventry, United Kingdom

**Migration Project**

- Collaborated with another developer to migrate a website from HTML/CSS to **Next.js**, enhancing SEO and search engine visibility.
- Improved website design for better **user experience**.
- Developed a fully **responsive multi-page website**, ensuring optimal usability across various devices.
- Demonstrated strong **collaboration skills** and technical expertise to deliver a high-quality website.

**E-commerce website**

- Developed responsive, intuitive user interfaces using **React** and **Tailwind CSS**.
- Implemented **Firebase** for authentication, real-time data updates, and secure user data storage.
- Integrated **QR code reader** for easy order addition.
- Enhanced location-based features with **Google Places API** and **Leaflet** maps.
- Implemented personalised store display with pagination based on user location.
- Integrated **Stripe** for secure online payments.

**Software Developer**

Tax Torch [🔗](#)

03/2024 – 09/2024 | London, United Kingdom

- Designed and developed a user-friendly **subscription management interface** using **Next.js** and **Stripe** with features for viewing subscriptions, managing auto-renewal, displaying payment details, selecting packages, and accessing invoice history. Implemented Start Free Trial and Upgrade/Downgrade Plan functionalities. Created and configured **webhooks** to handle Stripe events for payments and subscription changes, ensuring timely database updates.
- Created **Lambda functions for APIs** and utilised **AWS Amplify, Cognito, Lambda, and RDS**.
- **Collaborated** with the development team to integrate Stripe functionality seamlessly into the existing system architecture.
- Conducted comprehensive **testing** to ensure smooth interaction between the platform and Stripe.
- Provided solutions for managing **enterprise accountancy firms**.

## PROJECTS

**MeetUp – Real-Time Video Calling App** [🔗](#)

- Built **MeetUp**, a real-time video calling application using **Next.js, TypeScript, TailwindCSS, Socket.io, and PeerJS**, designed for seamless communication without sign-ups.
- Engineered a **peer-to-peer (P2P) mesh topology** for efficient, decentralized video and audio streaming, ensuring low-latency connections.
- Developed a **responsive and intuitive UI**, enabling users to create and join video calls instantly.

**F1 Tyre Management System** [🔗](#)

Coding task by Mercedes AMG Petronas

- In six days, I Developed a dynamic Tyre Management System using **React, Node.js, Express.js, and MongoDB**. This project highlights my passion for rapid development, delivering a secure, user-friendly, and performance-optimized solution.
- Developed a responsive React web application with a performance-optimized **MVC architecture**, ensuring efficient **MongoDB** data storage and secure **JWT user authentication**. Designed a dynamic tyre allocation system for race weekend management, complemented by intuitive race data visualisation for enhanced user experience.