

# Zahra Vasanji

Software Engineer (JavaScript, Typescript, React, Next.js)

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[LinkedIn](#)

Leicester, UK

Developer Portfolio: [www.zahravasanji.com](http://www.zahravasanji.com)

GitHub: [www.github.com/zedvas](https://www.github.com/zedvas)

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## SOFTWARE ENGINEERING SKILLS

- **JavaScript:** ES6+, AJAX & API's - REST and GraphQL, Animation (Greensock), Graphing (d3.js) & Realtime (websockets and Socket.IO), OAuth, Next.JS
  - **React:** hooks, context, Material UI, Redux, Redux Toolkit
  - **Testing:** TypeScript, Cypress, Vitest, Vite
  - **Node.js:** Vanilla & Express.
  - **Databases:** SQL - MySQL, NoSQL - MongoDB with Mongoose.js, Redis, Firebase, GraphCMS/Hygraph
  - **DevOps:** Docker & Kubernetes, Vercel (inc. CI/CD), serverless (inc. Netlify). cPanel, Apache, XAMPP
  - **CSS 3:** Responsive design, Flexbox & CSS Grid, SASS, CSS frameworks, and Tailwind
  - **HTML5:** Semantically correct for accessibility and SEO.
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## KEY PROJECTS

### HoliDough:

[holidough.uk](http://holidough.uk) | [github.com/zedvas/travel-tally](https://github.com/zedvas/travel-tally) | [github.com/zedvas/travel-tally-back-end](https://github.com/zedvas/travel-tally-back-end)

**Tech Used:** React, Material UI, Node.js, Express.js, Axios, MySQL, Joi, SASS, Redux, React Router, React Cropper, React Toastify, React Webcam, Local Storage, GSAP, Framer Motion, Chart.js, Day.js

**What it Does:** HoliDough is a holiday budgeting application that allows users to manage, track, and predict expenses, with visual budget tracking via Chart.js for clear and intuitive data presentation.

**What It Demonstrates:** Architected an abstract form component for extensive reusability across the application. Integrated Redux for state management, with Redux Persist to maintain state synchronisation. Interdependent sliders that dynamically adjust size and colour based on user input. SASS, Material UI, custom SVG's and animations to create an appealing UI. Integrated APIs to provide financial data. AGILE approach and MoSCoW technique for creating an MVP and progressively adding features. User authentication with tokens and encrypted passwords using sha256. Enhancing security with validation and sanitisation of all incoming requests using Joi, and prepared statements in MySQL to prevent SQL injection attacks.

### Rent-A-Pet:

[rent-a-pet.netlify.app](https://rent-a-pet.netlify.app) | [github.com/zedvas/shopping-cart](https://github.com/zedvas/shopping-cart)

**Tech Used:** JavaScript, React, Material UI

**What It Demonstrates:** A mock e-commerce platform built in React, using JavaScript array methods for sorting and filtering results. It uses React's state management to automate cart calculations of total cost and item quantity. I sought to enhance UX by providing multiple interaction points for updating cart quantities, and conditional rendering when the cart is empty. I also added a 'like' feature with visual indicators and dynamically assigned class names based on the component state.

### Portfolio site:

[zahravasanji.com](https://zahravasanji.com) | [github.com/zedvas/portfolio](https://github.com/zedvas/portfolio)

**Tech Used:** React, React Router, Joi, React Modal, EmailJS, Vite, Material UI

**What It Demonstrates:** Implemented EmailJS to send data directly from client-side. Integrated React Modal for dynamic pop-up confirmations and error handling. Built a responsive portfolio site in React, integrating React Router for seamless navigation and Vite for optimised performance.

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## EDUCATION

### The Jump Digital School

*Sep 2023 - Dec 2023*

- A 12-week full-time programme of Full-Stack Software Engineering Training
- Developed and deployed full-stack websites and web applications to a professional standard
- Delivered individual and team projects, remotely, including participation in a hackathon

### Middlesex University, London

- BA (Hons), Accounting and Finance, 2:1

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## PROFESSIONAL EXPERIENCE

### Stock Controller roles

#### Senior Stock Controller, PRADA GROUP, London

*Jul 2021 - May 2024*

- Undertook Enterprise Resource Planning by conducting regular audits for over 12,000 units, analysed the inventory status and stock loss data, creating insightful reports using SAP, and using it to create and implement actionable strategies to improve loss prevention and operational efficiency.
- Responsible for logistics of transferring, tracking and securing stock, including high value assets.

#### Stock Controller, CELINE, London

*Nov 2017 – Jun 2020*

#### Stock Manager, REISS, London

*Jan 2016 – Oct 2017*

#### Sales Assistant, REISS, London

*Jan 2015 – Dec 2015*

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## ADDITIONAL INFORMATION

- I have the right to work in the UK
- Immediately available for interview