

Hasan PP

Django + React full stack developer

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Profile Summary

As a passionate and innovative software developer, I specialize in crafting dynamic, user-centric web applications using cutting-edge technologies. With a solid foundation in Django, ReactJS, and Firebase, I bring creative ideas to life, from feature-rich e-commerce platforms to scalable clones of popular applications like Netflix and OLX. My expertise in designing intuitive interfaces, building robust backends, and integrating AI-driven features reflects my commitment to delivering impactful solutions. Constantly eager to learn and adapt, I aim to bridge technical challenges with innovative approaches, ensuring exceptional user experiences and business success.

Technical Skills

Languages: Python, JavaScript, PostgreSQL, MongoDB, MySQL, HTML, (S)CSS,

Libraries & Frameworks: Python Django, React, TailwindCSS

Tools & Platforms: Git, Github Actions, Netlify, Render, AWS, Firebase

Design & Prototyping: Figma, Photoshop

Concepts: Clean Architecture, MVC Architecture, SOLID Principles, Agile Methodologies

Projects

Phonopedia: E-commerce Phone selling web application | Python Django, Python, PostgreSQL, AWS, HTML [Live](#) | [GitHub](#)

- An online platform dedicated to selling smartphones with features like advanced search, filtering, and personalized recommendations.
- Designed and deployed a scalable backend using Django and PostgreSQL to handle complex e-commerce workflows.
- Implemented AJAX-based features for real-time cart and wishlist updates, enhancing the user experience without page reloads.
- Built dynamic search functionality with sorting and filtering options like price, ratings, new arrivals, and more.
- Enabled live stock updates and product availability using custom database queries for optimal performance.
- Integrated payment options, including Wallet, UPI, Credit Card, and COD, with secure validation.
- Enhanced user engagement by implementing an AI-powered chatbot to assist with product inquiries.
- Ensured a seamless mobile-friendly UI by leveraging JavaScript and responsive design principles.
- Deployed the application on AWS, ensuring robust performance with PostgreSQL database hosting.
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WorkLaza: Labor Booking Platform | Django, React.js, Django REST Framework, WebSockets, PostgreSQL [Live](#) | [GitHub](#)

- An online **labor booking platform** connecting customers with skilled workers like electricians and plumbers.
- Built a **scalable backend** using Django and Django REST Framework, ensuring secure user authentication and efficient API performance.
- Implemented **real-time chat** using WebSockets and Django Channels, enabling seamless communication between customers and workers.
- Designed a **dynamic booking system** with order management, allowing customers to schedule and track service requests.
- Added **worker review and rating** features to enhance transparency and trust.

- Developed an **admin dashboard** for monitoring bookings, user activities, and generating reports.
- Implemented **push notifications** to alert users about booking confirmations, updates, and payments.
- Integrated **GPS-based worker discovery**, helping customers find the nearest available service providers.
- Ensured a **responsive, user-friendly UI** with React.js and optimized API calls for performance.

Mini Projects

OLX Clone: Buy & Sell Platform | *ReactJS, Firebase, HTML, CSS*

[GitHub](#)

- A modern platform for buying and selling products online, inspired by OLX, featuring user-friendly interfaces and responsive design.
- Developed the frontend using ReactJS with reusable components for scalable and maintainable code.
- Integrated Firebase as the backend to manage user authentication, real-time database, and storage for product listings and user profiles.
- Implemented a secure login and registration system with email/password and Google authentication using Firebase Auth.
- Built a robust product listing and search functionality with real-time updates using Firebase Firestore.

Netflix clone | *ReactJS, Firebase*

[GitHub](#)

- A Netflix-inspired web app showcasing movies and TV shows using The Movie Database (TMDB) API.
- Integrated Firebase for user authentication and database management.
- Utilized ReactJS to build an interactive and dynamic user interface with responsive design

To-Do App | *ReactJS, HTML, CSS*

[GitHub](#)

- A lightweight and intuitive task management application to track daily to-do lists and priorities.
- Built the frontend with ReactJS using functional components and hooks for dynamic UI updates.
- Designed a clean and responsive interface with HTML and CSS for seamless user interaction across devices.
- Implemented core features like adding, editing, marking tasks as completed, and deleting tasks in real time.

Education

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Prototype

2024 - Present

*Kakkanchery,
Malappuram,
Kerala*

Higher Secondary (Computer Science)

SPBHSS, Ramanattukara

2022 - 2024

Kozhikode, Kerala