Akshay Mozhikkal

`Full Stack Developer (Django + React)`

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Profile

Results-driven Full Stack Developer with extensive experience in building robust web applications using Django and React. Proficient in designing scalable backend solutions and implementing responsive frontend interfaces.

Projects

ARTISANHUB | Social Media
Live Link: ArtisanHub | GitHub Repository: Frontend | Backend

➔ Developed a platform fostering collaboration between artisans and users, leveraging **Django Rest Framework** for the robust backend and **React Vite JS** with **Tailwind CSS** for the responsive and high-performing frontend.

➔ Established distinct roles for users, artisans and administrators.

➔ Implemented key features, including connection building, post sharing and interaction (likes and comments) between users.

➔ Engineered a robust chat system in Django by employing **WebSocket** technology through **Django Channels**, integrating **Daphne** for WebSocket protocol support and utilizing **Redis** as a message broker to ensure reliable and efficient real-time communication.

➔ Used **OAuth 2.0** to access **Google API** for Google SSO.

➔ Successfully deployed the website on Vercel and Render platforms for live access.

SHOOOP | E-Commerce
Live Link: Shooop | GitHub Repository

➔ Developed an E-Commerce platform specialized in the sale of shoes.

➔ Integrated essential features such as Wishlist, Cart, Coupon and discount systems, **Razorpay** Payment gateway, Order management, Return options, Forgot Password and Wallet functionality.

➔ The project employed **Figma** for design, **Django** with **JINJA** Templates for backend development and utilized **JavaScript**, **AJAX** and **Bootstrap 4.2** for frontend implementation.

➔ Hosted the live website on **AWS** with **NGINX** configurations.

➔ Ensured website security by installing **Certbot** for **SSL** and **TLS certifications**.

➔ Secured a domain name through **Hostinger**.

Mini Projects

USER MANAGEMENT SYSTEM | Django REST Framework, React JS, JWT, Postgres
GitHub Repository

➔ Developed a User Management and Userprofile.

➔ Utilized **DRF**, **React**, **JWT**, **Axios**, **ContextAPI** and **PostgreSQL** technologies.

➔ Implemented **user registration** and **authentication**.

NETFLIX CLONE | React JS, TMDB API, Axios, CSS
GitHub Repository

➔ Developed a Netflix clone interface with movie posters.

➔ Integrated **React** and **Axios** to fetch movie data from **TMDB API**.

➔ Implemented trailer playback functionality using **YouTube videos**.

Skills

PROGRAMMING

Proficient:
• Python• JavaScript • SQL
• CSS • HTML5 • DSA

Familiar:
• Java • C++ • C

LIBRARIES/FRAMEWORKS

Proficient:
• Python Django• Django REST Framework • React JS • Redux JS • Bootstrap • Tailwind CSS

Familiar:
• Node JS • Flask • FastAPI
• jQuery

TOOLS/PLATFORMS

• Git and GitHub • Figma
• AJAX• ORM• Postman API
• JWT (JSON Web Tokens)

DATABASES

• PostgreSQL• MongoDB

OTHERS

• AWS• NGINX• OOPS• Data Structures and Algorithms

Experience

Zil Money, Manjeri
IT Recruiter
October 2021 - January 2023

Education

PYTHON FULL STACK DEVELOPMENT
Brototype
February 2023 - Present

BACHELOR OF ENGINEERING IN MECHANICAL (B.E)
Anna University, Chennai
August 2015 - May 2019