ASHAD K A

Python Full Stack Developer

📞 +91 9207744662   ✉ ashadashraf10@gmail.com   in LinkedIn   ◯ GitHub

PROFILE SUMMARY

Self-taught Python Full Stack Developer driven by a passion for coding and building web applications and skilled in all aspects of the development and deployment process, from designing and implementing features to testing and troubleshooting. Commitment to continuous learning and staying up-to-date with the latest developments. Eager to take on new challenges and excel in any development role.

EXPERIENCE

WESUALIZE | *Freelance*   January 2024

Web Developer

- Converted a Figma design to a responsive web page.
- Optimize UI/UX for enhanced functionality, ensuring a smooth user experience.
- Used **React** with **Framer** motion for seamless frontend animation.
- Managed styling using **SCSS**.

PROJECTS

RYKERZ REAL ESTATES | *Real Estate Property Listing Platform*   Source Code | Live

- Users can utilize this platform to post their properties, such as houses, flats, or land, for sale, rent or lease.
- The platform features precise location information and facilitates text chat and video tours of the property between clients and owners.
- This project has features like chat using WebSocket with **Django Channels**, video call integrated using **ZegoCloud** API, geo location marking using **Mapbox**, login with **Google-Auth** and many more.
- Planned and implemented the entire module, followed by setting up **RESTful APIs** and secured connections using **Certbot**.
- Deployed Django backend on **AWS EC2** using **Uvicorn** with **Nginx** for optimal performance, and orchestrated frontend deployment on AWS **Amplify** for seamless integration and scalability.

Technologies Used: Python Django, React.js, Redux, PostgreSQL, RESTful APIs, JWT, Django Channels, S3 Bucket, Redis, Tailwind, Mapbox, Google-Authentication, ZegoCloud, AWS EC2, Nginx, Uvicorn, AWS Amplify

RYKERZ E-COMMERCE | *An E-Commerce Store*   Source Code | Live

- This is a complete e-commerce system designed specifically for an online meat store using an **MVT** Framework.
- Built user and admin sections with user authentication using **Twilio** mobile verification, product listings by category, shopping cart, favourites, order tracking, wallet and **Razorpay** online payments.
- For administrators, the offered features include transaction and order listing, real-time updates on the latest orders and detailed sales graphs.
- Integrated **Chart.js** for Dynamic Data Visualization, creating visually appealing and interactive charts to enhance the user experience on the web platform.

- Deployed the application on **AWS EC2** using **Gunicorn** with **Nginx** for optimal performance and secured connections using **Certbot**.

Technologies Used: Python Django MVT Framework, PostgreSQL, Razorpay, Twilio, AWS EC2, Route53, Nginx, Gunicorn

MINI PROJECTS

PASSGEN PRO | *Password Generator*   Source Code
- Created a mini platform to Generate Random Passwords using the **random** library in Python Django for websites or other related purposes, utilized Django and React.
- After authentication, users can create and copy passwords, while also having the option to securely store them for future use.
- User can have preferences on including elements like uppercase, lowercase, numbers and characters.

FEEDFLOW | *An Article Feeder Platform*   Source Code
- Developed an Article Feeder Platform using React and Django, enabling users to share feeds with images.
- Implemented **JWT**-based login and sign-up functionalities for secure user authentication.
- Functionalities include topics such as category management, post liking, disliking, blocking, unblocking, changing password and updating user profiles.

BLOGIFY | *Blog Creation Platform*   Source Code
- A responsive Blogging Platform built with React.
- Create, publish and manage articles effortlessly.

WEB PORTFOLIO | *Animated Portfolio*   Source Code
- This project is made with React and **Framer**.
- Used **SCSS** for styling.

SKILLS

- **Frontend Development**: React.js, JavaScript, Tailwind CSS, SCSS (Sass), React-Redux, Redux-Toolkit, WebSocket, HTML, CSS & Bootstrap
- **Backend Development**: Python, Django, ORM, Django Channels, REST API, JWT
- **Database**: PostgreSQL, MongoDB, Redis, Firebase
- **Integrations**: Twilio, Mapbox, Razorpay, Zego Cloud, S3 Bucket, Google Auth
- **Deployment**: NGINX, AWS EC2, Route 53 (R53), Gunicorn, Uvicorn, Amplify, Netlify, Vercel, GoDaddy
- **Data Structure**: Linked List, Searching, Sorting, Stack, Queue, HashMap, Tree, Trie, Graph
- **Tools**: Git, Postman, VS Code, Figma, Canva, Framer Motion

EDUCATION

Web Development using Python Django + React   2023 – Present
Brototype, Ernakulam

Bachelor of Business Administration   2019 – 2022
Shree Devi College, Mangalore
CGPA: 7.41