Aravind Premkumar

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Profile Summary

Highly motivated and self-taught full-stack web developer specializing in Python, Django, and React.js, with a robust passion for crafting innovative and dynamic web applications. Possessing a solid foundation in both front-end and back-end development, I excel in transforming complex requirements into functional, user-friendly solutions. My independent learning journey has honed my problem-solving abilities, adaptability, and commitment to continuous improvement. Known for my proactive approach, I thrive in fast-paced environments and am eager to contribute my technical expertise and creative problem-solving skills to drive project success and deliver exceptional results.

Technical Skills

- **Languages Libraries:** Python, MySQL, MongoDB, HTML, CSS, Pandas, Numpy, Matplotlib

- **Technologies:** React.js, Django

- **Tools & Platforms:** Git, GitHub Actions, AWS, Figma

- **Concepts:** MVT Architecture

Projects

WearIt - E-Commerce   GitHub
- Developed a full-featured e-commerce application leveraging **Django** framework and **Python**, providing a robust and scalable solution for online shopping.
- Designed and implemented a comprehensive product catalog, including categories, product details, inventory management, and product search functionality.
- Integrated user authentication and authorization using Django's built-in authentication system, enabling secure user registration, login, and profile management.
- Developed a seamless payment processing system using popular payment gateways on **RazorPay** to handle transactions securely.
- Created an admin dashboard for site administrators to manage products, orders, users, and inventory with ease.
- Implemented responsive web design using **HTML** and **CSS** to ensure a smooth user experience across various devices and screen sizes.
- Deployed the application on **AWS** ensuring scalability and high availability, with continuous integration and deployment pipelines.

WorkHub - A Job Portal Platform
- Developed a comprehensive job portal platform using **React** for the frontend and **Django** for the backend, enabling a seamless experience for job seekers and employers.
- Implemented user authentication and authorization features, allowing secure login and registration for job seekers, employers, and administrators.
- Designed and developed interactive user interfaces with React, enhancing user experience with responsive design and dynamic content rendering.
- Built RESTful APIs using **Django REST framework** to handle CRUD operations, ensuring efficient data management and communication between frontend and backend.
- Integrated job search and filter functionalities, allowing users to search for jobs by keywords, location, job type, and other criteria.
- Developed job posting and application features, enabling employers to post job listings and job seekers to apply for jobs directly through the platform.
- Utilized version control and collaboration tools, such as **Git** and **GitHub**, to manage the development process and facilitate teamwork.

Mini Projects

TODO Application   GitHub

* Developed a dynamic and interactive Todo application using **React**.
* Implemented CRUD **(Create, Read, Update, Delete)** operations to manage tasks efficiently.
* Utilized state management to handle user input and task states dynamically.
* Employed React hooks such as **useState** and **useEffect** to manage component lifecycle and state.

Education

Kerala University   Trivandrum, India
Bachelor of Commerce (B.Com)   *2019 - 2022*

IPCS   Trivandrum, India
Diploma in Python and Machine Learining   *2022 - 2023*

Brototype   Trivandrum, India
Python Full Stack Development   *2023 - 2024*