ASWANTH C P

Python Developer

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Objective

I am eager to find a fulfilling role as a Python Developer in a vibrant and growing company. My goal is to utilize my skills and experience to make significant contributions that will help drive the company's success and support its expansion.

Profile Snapshot

- As a Python developer with **2.6 years** of experience, I specialize in web application development using Python, Django, and related technologies.
- Skilled in database design, OOP, and RESTful API development.
- Proficient in front-end basics including HTML, CSS, React.js, and SCSS, with expertise in Redux and Tailwind CSS.
- Strong understanding of Agile methodologies, Git, and version control systems.
- Experienced with MySQL, PostgreSQL, and MongoDB, particularly skilled in Postgres.
- Implements JWT for secure authentication and adheres to REST API best practices.
- Deployment and infrastructure experience with NGINX and AWS EC2, familiar with AWS, GCP, and Azure.
- Utilizes CloudFlare for performance and security optimization.
- Proficient in testing with Postman and collaboration tools like Git and Figma.
- Thrives in innovative team settings, excelling in problem-solving, communication, and multitasking.

Ongoing Project

Covenant IT Solutions Private Limited

Project Name : Chewy
Domain   : E- Commerce
Duration   : Mar 2023 – Present

As part of the Chewy, Inc., I contributed to the design and implementation of an automated inventory management system using Python. Chewy, Inc. is a leading American online retailer specializing in pet food and pet-related products.

Graduation

- BTECH - ECE
- College of Engineering Vatakara

Employer

Covenant IT Solutions Private Limited, Chennai.

Dec 2021 - Present

Skill Set

- **Python**
- **HTML**
- **Django**
- **CSS**
- **MySQL**
- **JavaScript**
- **React.js**
- **Redux, Tailwind**
- **CSS, SCSS**
- **Postgres, JWT, REST APIs**
- **NGINX, AWS EC2,**
- **CloudFlare,DigitalOcean**
- **Git**
- **Postman**
- **Figma**
- **UI/UX**

Responsiblities

- Led the end-to-end implementation of Chewy's automated inventory management system, defining requirements and timelines in collaboration with cross-functional teams and stakeholders.
- Developed the backend using Python for robust data processing and inventory management.
- Designed and optimized MySQL databases for scalable and efficient data storage and retrieval.
- Created intuitive user interfaces with HTML, CSS, and JavaScript to enhance user interactions.
- Built RESTful APIs with Django to enable seamless frontend-backend communication.
- Conducted comprehensive testing, including unit and integration tests, to ensure system reliability and performance.
- Optimized code and database queries for enhanced scalability and handling of peak loads.
- Thoroughly documented the codebase and system architecture for easy onboarding and maintainability.
- Provided ongoing technical support, diagnosing and resolving issues to ensure seamless operation of the inventory management system.

Projects

Dec 2022 - Feb 2023

Khadimode.online - E-commerce website.

An e-commerce platform specializing in Khadi dresses. Features a user-friendly interface, secure payment options, and advanced search functionality. Allows users to create accounts and track orders.

EventPlannerOnline

A platform connecting event organizers and suppliers, integrating Django REST API and React for efficient collaboration. Offers a streamlined event planning experience with a unified interface and access to diverse supplier services.

just-park-client.vercel.app

A parking app powered by React Vite and Django Rest Framework. Seamlessly connects users with available parking spots, offering an efficient and user-friendly interface for convenient parking management.

Responsiblities

- Developed dynamic user interfaces with React.js, creating engaging and interactive experiences.
- Managed state with Redux for consistency and predictability.
- Ensured seamless performance across devices using responsive design principles.
- Styled interfaces with Tailwind CSS and SCSS for a modern look, writing modular and maintainable CSS for easy updates.
- Achieved cross-browser compatibility and mobile responsiveness.
- Built and maintained backend services and APIs using Python and Django, ensuring high performance and responsiveness.
- Wrote reusable and efficient code, implementing security measures to protect customer data.
- Designed and optimized PostgreSQL databases for efficient data handling, ensuring data integrity and fast access.
- Created scalable and secure RESTful APIs with JWT for authentication.
- Integrated payment solutions like PayPal and Razorpay, handling callbacks for accurate processing.
- Utilized Cloudinary for media management, configured NGINX servers, and deployed applications on AWS EC2 and DigitalOcean, enhancing performance with CloudFlare CDN.
- Used Git for version control and set up CI/CD pipelines for automated deployments.
- Employed Postman for API testing, collaborated on UI/UX design with Figma and Canva, and worked with cross-functional teams to deliver new features.
- Participated in code reviews, maintained comprehensive documentation, and kept stakeholders updated on progress and issues.