Sharan Raj K

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Profile Summery

Full Stack Developer with hands-on experience as an intern, complemented by a strong foundation in backend and frontend development. Proficient in technologies such as Python, Django, REST Framework, React, Redux, and databases including PostgreSQL and MongoDB. Skilled in core programming concepts like Data Structures, Object-Oriented Programming, and Functional Programming, with a knack for building efficient and scalable solutions. Successfully completed many projects and is currently developing a social media application for developers.

Skills

Technical Skills

- **Backend Development:** Python, Django, REST Framework, ORM, SQl, PostgreSql, MySql, MongoDB
- **Frontend Development:** JavaScript, React, Redux, HTML, CSS, Tailwind, Bootstrap, Flutter
- **Programming Concepts:** Data Structures and Algorithms , Object-Oriented Programming ,Functional Programming, Event-Driven Programming
- **Tools and Platforms:** Git, GitHub, AWS, Selenium, Docker

Soft Skills

- **Communication:** The ability to clearly and effectively convey ideas and information, both verbally and in writing.
- **Problem-Solving:** The capacity to analyze situations, identify issues, and devise effective solutions.
- **Teamwork:** The ability to collaborate and work effectively with others toward a shared goal.
- **Time Management:** Skill in organizing and prioritizing tasks to maximize efficiency and meet deadlines.
- **Adaptability:** The ability to adjust to new challenges, environments, and changes with ease.
- **Work Ethic:** Demonstrating dedication, responsibility, and a strong sense of professionalism.
- **Leadership:** The capacity to guide, inspire, and influence others to achieve common objectives.

Experience

Brototype
May 2024 – On going

- Developed a full-fledged e-commerce website independently using Python, Django, PostgreSQL, HTML, CSS, and JavaScript, hosting the solution on AWS for real-world deployment.
- Enhanced technical expertise in web development, backend integration, and data analytics, alongside professional communication, teamwork, and business etiquette skills.

Education

University of Calicut
2021 – 2024
CGPA: 6.5/10

- Bachelor of Computer Applications (BCA)

Relevant Coursework: Problem Solving using C, Python Programming, Data Structures and Algorithms, Database Management Systems (RDBMS), Web Programming, Java Programming, Android Development, Operating Systems, Computer Networks, Software Engineering, Theory of Computation, Computer Organization and Architecture, Numerical Methods, Computer Graphics, E-Commerce

Projects

E-Petition - A Digital Voice For Petitions

- Developed a cross-platform mobile app using Flutter for users to post, track, and vote on local issues, with real-time status updates from government representatives.
- Built a RESTful API using Django REST Framework to handle user authentication, complaint management, voting mechanisms, and progress tracking.
- Implemented geolocation-based post circulation, ensuring complaints are shared with nearby users and relevant authorities based on pincode.
- Created web portals using HTML, CSS, Bootstrap, and JavaScript for government officials and representatives to manage complaints and communicate with users.
- Integrated a real-time chat system for users and government representatives to enhance communication and improve issue resolution time.
- Deployed the platform on AWS for scalable and secure hosting, improving system reliability and uptime.

Ecommerce Website

- Developed a fully-featured e-commerce website specializing in selling earphones, designed to provide an excellent user experience and a seamless shopping process.
- Built an advanced admin panel to manage products, categories, brands, and users efficiently.
- Implemented sophisticated features such as a dynamic delivery charge system based on location, an offer system, coupon management, review and rating functionalities, and robust product filtering options.
- Integrated multiple payment gateways, including Razorpay, ensuring secure and convenient transactions.
- Emphasized a responsive and visually appealing user interface, leveraging technologies such as HTML, CSS, Bootstrap, JavaScript, AJAX, Django, and PostgreSQL.
- Deployed and hosted the platform on AWS, ensuring scalability and reliability.

Languages

- **English:** Fluent, Readable, Writtable
- **Malayalam:** Native
- **Hindi:** Conversational