JYOTHIKA P.T

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OBJECTIVE

Passionate and skilled React JS developer with a solid foundation in front-end development and a strong focus on creating dynamic, responsive, and user-friendly web applications. Seeking a challenging position in a forward-thinking organization where I can leverage my expertise in React, JavaScript, and modern web technologies to contribute to innovative projects and drive exceptional user experiences. Eager to collaborate with talented teams to build cutting-edge solutions that solve real-world problems and enhance business operations. Committed to continuous learning and growth in the ever-evolving landscape of web development.

EDUCATION

Bachelors of Physics, Kannur University   2018 – 2021

Achieved a Bachelor's degree in Physics from Kannur University with an Overall Grade Point Average (OGPA) of 8.408. Demonstrated strong proficiency in fundamental principles of Physics, including classical mechanics, electromagnetism, quantum mechanics and thermodynamics. Engaged in rigorous coursework, laboratory experiments and research projects fostering deep understanding of theoretical concepts and practical applications.

Masters in Computer Science, Kannur University   2021 – 2023

Completed a Master's degree in Computer Science from Kannur University with an Overall Grade Point Average (OGPA) of 8.005, focusing on a comprehensive curriculum encompassing core subjects and advanced topics. Excelled in courses covering essential programming languages such a C, C++ and Java, mastering concepts in software development and object oriented programming. Developed proficiency in database management systems, including MySQL, gaining hands on experience in designing, querying and managing databases to store and retrieve data efficiently. Demonstrated academic excellence and a passion for continuous learning, preparing for a dynamic career in the field of computer science.

TECHNICAL SKILLS

Programming Languages	Python, C++, C, Node.js
Frontend	HTML5, CSS3, JavaScript, Bootstrap, React
Backend	Django, Flask, REST API, Express.js, JWT Token
Databases	MySQL, MongoDB
Version Control and IDEs	GitHub, PyCharm, Visual Studio Code
Design and Prototype	Canva, Figma

EXPERIENCE

Python Full Stack Development Intern

SMEC Labs   Sep 2023-Jun 2024

- Developed full-stack applications leveraging Python,Django, React, JavaScript, , HTML, CSS, and Bootstrap.
- Enhanced data management and user interface functionalities to improve application efficiency.
- Proficient in handling application data with precision using MongoDB and MySQL databases.

Python REST API Developer Intern

Dhanwis TechInfo Solutions, Kannur   Jul 2024

I am currently working as Python REST API developer at Dhanwis Techinfo Solutions, Kannur,developing and maintaining RESTful APIs using Python and Django REST Framework. Also, focusing on building interactive and user friendly front-end interfaces with React-JS that communicate seamlessly with API backend services.

PROJECTS

TECHBUY- Ecommerce site for Media gadgets (DJANGO, MYSQL) – SMEC Labs   Jan 2024

Github Link: ◇ GitHub

- Techbuy is an e-commerce platform for electronic gadget enthusiasts, built using HTML, CSS, JavaScript, Bootstrap, and Django.
- The platform features a responsive design for optimal viewing on all devices, enhancing accessibility and user experience.
- JavaScript is utilized for dynamic features and interactive elements, improving user engagement.
- MYSQL is used for efficient data management and reliable storage.
- Secure transaction handling protocols protect user data, ensuring a safe shopping environment.
- User authentication and authorization functionalities are implemented for secure account access.
- Search and filter options are available for easy navigation and quick access to products.
- Users can leave reviews and ratings, fostering community engagement and providing feedback for future buyers.
- Wishlist and cart management features allow users to save items and manage their shopping carts efficiently.
- A responsive customer support system is in place for assistance or inquiries, enhancing customer satisfaction.
- Integration with popular payment gateways allows for seamless and secure transactions, providing multiple payment options.

CLEARFIX - simple Q&A site used between users (REACT, JAVASCRIPT, REST API)   Present

- Clearfix is a question-and-answer website focused on programming and software development.
- Serves as a platform where developers can ask and answer questions related to coding and software development
- Users can post errors or issues they encounter in their program
- Users can suggest corrections or solutions to posted errors
- Different users can add their solutions to the posted errors and the reported user can choose their precised solution.
- Developed a dynamic web application using React, Bootstrap, CSS and JavaScript for the front-end, integrated with aRESTful API backend, focusing on creating reusable components, ensuring efficient API communication, optimizing performance, and collaborating with cross-functional teams to deliver a robust and scalable solution.