SHYAM KRISHNAN P R

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FULL STACK DEVELOPER

Experienced MERN Stack Developer with a proven track record of successfully building dynamic and scalable web applications. Dedicated and resourceful, mastery of **MongoDB, Express.js, React.js and Node.js** technologies has been achieved independently, showcasing robust problem-solving skills and a commitment to continuous learning.

EXPERIENCE

Full Stack Developer   Aug 2023 – Present
Jyothish Yaro Technologies   *Bangalore, Karnataka, India*

- Developed and maintained frontend components using React.js, ensuring a seamless user experience.
- Spearheaded the creation of a comprehensive dashboard for the entire application, utilizing React.js for the frontend, MongoDB for database management, and Node.js for server-side logic.
- Implemented advanced features and functionalities within the dashboard to streamline management processes, including but not limited to data visualization, user authentication, and real-time updates.
- Worked on mobile application development using React Native and Node.js, contributing to the creation of cross-platform solutions that maintained consistency and performance across Android devices.

Full Stack Developer Intern   Jan 2023 – Aug 2023
Packapeer Academy   *Kozhikode, Kerala, India*

- Created web applications using Node.js, React.js, MongoDB, HTML, and CSS, gaining hands-on experience in full-stack development.
- Designed and implemented database schemas using MongoDB, ensuring efficient data storage and retrieval for the web applications.
- Demonstrated proficiency in learning new technologies by quickly adapting to TypeScript and applying it effectively in development projects.

TECHNICAL SKILLS

Languages	:	JavaScript
Frontend	:	React.js, React Native, HTML, CSS, Bootstrap, Tailwind CSS, Redux
Backend	:	Node.js, Express.js, Mongoose, REST API, JWT(JSON Web Token)
Databases	:	MongoDB, MySQL
Dev Tools	:	Visual Studio Code, Git, GitHub, Figma, Postman
Others	:	AWS EC2, TypeScript, NGINX, Socket.IO, Data Structures and Algorithms

PROJECTS

QuickFixAutos : Automobile Service Station Booking Website

* Developed an intuitive service station booking platform that seamlessly connects vehicle owners with nearby service centres tailored to their preferences. Streamlined the search process by integrating location-based services and detailed vehicle information, elevating user convenience and providing a superior user experience.
* Structured the website around three essential modules: User, Admin and Vendor.
* Implemented User and Vendor registration, authentication and personalized user accounts.
* Implemented Authentication and Authorization with **JWT**, Backend development using **RESTful API**.

* Implemented **Razorpay** payment gateway for payment and real-time chat using **Socket.IO**.
* Implemented efficient data fetching and management through **axios interceptors**, streamlining API requests and enhancing the user experience.
* Hosted the application on **AWS (EC2)** and **Netlify**.
* **Technologies used**: React.js, Node.js, Express.js, MongoDB, Redux-Toolkit, Tailwind CSS, REST APIs, Axios with interceptors, JWT (JSON Web Tokens), Socket.IO, Cloudinary, Razorpay
* GitHub Repository : [Backend](#) | [Frontend](#)

Aromashop : Premier E-commerce Application for Smartwatch Innovation

- Developed a dynamic e-commerce website for shopping smartwatch using **Node.js**, **EJS**, **MongoDB** and **Bootstrap**.

- Designed an intuitive user interface for seamless shopping experiences.

- Implemented features for product catalogue with search and filtering functionalities.

- Implemented user registration, authentication and personalized user accounts.

- Successfully integrated the **Razorpay** payment gateways, ensuring various payment options for customers.

- Developed an admin dashboard for efficient website management, including product inventory and user management.

- Hosted the application on **AWS** using **EC2** and **Route 53** for domain management.

- **Technologies used** : Node.js, Express.js, MongoDB, EJS, Razorpay, Bootstrap, AWS, NGINX

- GitHub Repository **:** [GitHub](#)

EDUCATION

B.Tech in Mechanical Engineering   July 2014 – August 2018
Adi Shankara Institute of Engineering and Technology   *Kalady, Ernakulam*
CGPA - 6.7