

SHYAM SHAJI

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OBJECTIVE

Creative and driven Full Stack Developer specializing in the MERN stack (MongoDB, Express.js, React, Node.js), dedicated to building innovative, high-performance web applications that deliver exceptional user experiences. With a knack for solving complex challenges and writing clean, scalable code, I'm eager to contribute my technical expertise and collaborative spirit to a forward-thinking team, transforming bold ideas into impactful digital solutions.

EDUCATION

Bachelor of Computer Applications, Bharathiar University

2020-2023

Graduated in First Class with a strong foundation in computer applications.

SKILLS

Frontend Development	HTML, CSS, Tailwind CSS, Bootstrap, React.js, Redux Toolkit, Redux
Backend Development	Node.js, Express.js, MongoDB, SQL, JWT
Deployment	AWS EC2, Nginx, Git, GitHub, Vercel
APIs Architecture	RESTful API
Tools and Platforms	Postman, Figma, Firebase, Cloudinary, Razorpay

PROJECTS

WatchHub - E-Commerce Platform

- Designed and implemented a robust e-commerce platform using MongoDB, Express.js, and Node.js, with EJS for server-side rendering. ([Try it here](#))
- Integrated complete CRUD functionality for product management, enabling seamless creation, updating, deletion, and retrieval of watch listings.
- Integrated Google Sign-In for streamlined user authentication, enhancing accessibility and user onboarding.
- Incorporated OTP (One-Time Password) verification to enhance security during user authentication and account recovery processes.
- Implemented Razorpay payment gateway to facilitate secure and efficient online transactions.
- Implemented invoice generation for user transactions, delivering professional and detailed purchase summaries.
- Developed advanced features including coupon systems, product-specific offers, category-based discounts, and price range filtering to enhance user experience.
- Deployed the application on AWS EC2 with Nginx as a reverse proxy, ensuring scalability and high availability.
- Followed industry-standard practices for code structure, security, and performance optimization, ensuring a reliable and maintainable codebase.

Blog-API RestFul

- Developed a fully functional REST API for a blog platform using Node.js, Express.js, MongoDB, and TypeScript, following the MVC architectural pattern. ([Try it here](#))
- Implemented CRUD operations to manage blog posts, enabling seamless creation, retrieval, updating, and deletion of resources.

- Integrated JWT (JSON Web Tokens) for secure user authentication and authorization, ensuring protected API endpoints.
- Applied rate limiting to enhance API performance and prevent abuse, optimizing request handling.
- Utilized Helmet to secure the API by setting HTTP headers, improving protection against common vulnerabilities.
- Enabled CORS to support cross-origin requests, ensuring compatibility with front-end applications.
- Implemented features for likes and comments, enhancing user engagement and interaction with blog content.
- Integrated Cloudinary for efficient management and storage of media assets, such as banners and images.
- Designed and structured the backend to ensure scalability, maintainability, and adherence to modern development best practices.

Netflix-Clone

- Developed a Netflix Clone web application using React.js and Context API, enabling efficient state management across components. ([Try it here](#))
- Implemented user authentication with Firebase, providing secure login and registration functionalities.
- Integrated TMDB API to fetch and display a comprehensive list of films, allowing users to browse and explore movie details.
- Enabled trailer playback functionality, allowing users to watch movie trailers directly within the application.
- Designed a fully responsive user interface, ensuring seamless performance and optimal user experience across desktop and mobile devices.

EXTRA-CURRICULAR ACTIVITIES

- Actively participated in chess, demonstrating strategic thinking, problem-solving, and competitive skills.
- Represented school in district-level chess competitions, showcasing dedication and teamwork in high-pressure environments.
- Competed in department-wise chess tournaments at college, fostering collaboration and achieving success in inter-departmental events.