SHOBHIT RASTOGI

FULL STACK DEVELOPER

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EXPERIENCE : 1 YEAR 5 Months

SUMMARY

Full Stack Developer with 1 year 5 months of professional experience in building and scaling web applications using the MERN stack. Skilled in REST APIs, authentication/authorization, microservices, and CI/CD pipelines. Hands-on experience with Docker, GitHub Actions, and Agile practices. Strong problem-solving mindset and quick learner.

Skills

Frontend: ReactJS, Next, JavaScript, Tailwind CSS, Bootstrap, HTML

Backend: NodeJS, ExpressJS, NestJS, WebSockets, Python, FastAPI

Databases: MongoDB, MYSQL, PostgreSQL,

Others: GitHub, Jira, Rest,GraphQL, GitLab

Cache: Redis

Scaling Technique: Cluster, MongoDB replication & Sharding

Devops & Cloud :   CI/CD, Docker, Kubernetes, AWS, Azure,

PROFESSIONAL EXPERIENCE

Full Stack Developer | Kiyaan Software Solutions   [May 2024 – Present]

- Developed and maintained full-stack web applications using the **MERN STACK, Javascript, Typescript**.
- Create Backend Services (**Rest Api**) Using **Node.js** , **MySQL**, **ExpressJS**.
- Implemented authentication and authorization mechanisms using **JWT** and **OAuth**.
- Integrate Chat System using **Sockets**.
- Dockerize Node.js Application using **Docker, Docker-Compose**.
- Integrate **Payment Gateways** like Stripe, Payu, Paytm, Razorpay.
- Develop and Design CMS using **React.js** for Ecommerce Application.
- Worked on version control tools such as **GIT**
- Knowledge of working on agile project manangement tool **JIRA**
- Adding global state management tool **REDUX**, **REDUX-TOOLKIT**
- Convert Monolithic architecture into **Microservices** architecture.
- Performed **CRUD operations** in **Python**, implementing **Django** views, forms, and **ORM** for data handling.
- Integrated user **authentication** and **permissions** using Django's built-in auth system and custom **middleware**.
- Implemented form **validation** using Django Forms.
- Secured web apps by setting up **CORS** headers, **CSRF** protection, and HTTPS/SSL.

PROJECTS

Notebook Application

- Created a full-stack note-taking app with **React, NodeJS**, **ExpressJS**, **MongoDB**, optimizing APIs to cut response times by 20%.
- Deployed via Docker and GitHub Actions, enhancing CI/CD efficiency by 35%.
- Dockerize Node.js Application using Docker, Docker-Compose.

- Adding global state management tool REDUX, REDUX-TOOLKIT
- Implemented authentication and authorization mechanisms using JWT and OAuth.
- Designed a responsive and clean user interface using React, Tailwind CSS, and modular components to enhance usability across all devices.

Food Ordering Platform

- Built a backend for a food ordering app using **NodeJS** and **ExpressJS**, integrating payment gateways and an admin panel.
- Reduced API load times by 25% through query optimization and caching.
- Built robust APIs for admin operations like managing food items, viewing orders, updating order statuses, managing users, and tracking payments.
- Created role-based access control (**RBAC**) to restrict access to specific endpoints for admins only.
- Managed environment variables using .env files and **dotenv** package.

Stella College - Education Plateform

- Developed backend services for Stella College's academic platform using TypeScript, Node.js, and Express.js, ensuring scalable and maintainable architecture.
- Built RESTful APIs to manage courses, categories, student enrollments, trainers, and learning materials.
- Integrated authentication and Role-Based Access Control (RBAC) for Admin, Trainer, and Student roles.
- Optimized database queries and added caching to improve API performance and reduce response time.

Portfolio
- A brief description of what the app does and why I built it (the problem it solves or feature it adds).
- The tech stack used (e.g. TypeScript, Node.js/Express.js, MongoDB, frontend frameworks) so you can immediately see where my strengths lie.
- Key takeaways: challenges faced, solutions implemented, and lessons learned — showing not just what I built, but how I think and work.

LINKS:
https://shobhitportfolio.vercel.app/
https://www.stellacollege.edu.au/
https://inotebook-rastogi.netlify.app/

EDUCATION

Kalinga University, Raipur | Graduated 2024

10th from C.B.S.C   2019
12th from C.B.S.C   2021
Bachelor of Computer Applications (BCA)   2021-2024