ROHAN WAIKAR

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Professional Summary

Dedicated Frontend Developer with a strong interest in building scalable and high-performance web applications using React JS, Next JS, Node JS, and Express JS. Skilled at creating responsive user interfaces, using Redux and Context API for state management, and building full-stack features like checkout, cart, and authentication. Has worked on server-side rendering, page routing, and REST API integration. Certified Kubernetes Administrator and AWS Cloud Practitioner with hands-on experience in deploying applications using containers and managing cloud infrastructure.

Skills

- **Frontend Technologies:**
  React JS, Next JS, JavaScript, HTML, CSS, Tailwind CSS, Material UI, Bootstrap, Redux

- **Containerization & Orchestration:**
  Docker, Kubernetes

- **DevOps & CI/CD:**
  Jenkins, Bash Scripting, GitHub

- **Project Management & Collaboration:**
  Jira, Kanban, Confluence

- **Backend & Server-Side:**
  Node JS, Express JS, Mongoose MongoDB, SQLite, Ne DB, C++

- **Cloud Services:**
  AWS (EC2, S3, IAM), AWS Code Pipeline

- **Monitoring & Logging:**
  Prometheus, Grafana

- **Operating Systems & Tools:**
  Linux, Git

Work Experience

Specialist, 10/2019 to 08/2024
Bristlecone India Ltd – Pune

- Designed and built scalable, responsive web applications using **React JS**, **Next JS**, **Node JS**, and **Express JS**, delivering modern UI experiences with **server-side rendering (SSR)**, **dynamic routing**, and SEO optimization.
- Migrated legacy frontend systems to **React**, integrating **Redux** and **Context API** for efficient state management and achieving up to **30% improvement in load performance**.
- Developed complete feature sets including **shopping carts**, **checkout flows**, **authentication**, and **user-submitted forms** using **React Hooks**, **custom hooks**, **controlled components**, and **modular UI architecture**.
- Implemented dynamic routing using **Next JS App Router**, including **nested routes**, **slug-based**

pages, and **shared layouts** for consistent navigation and clean structure.

- Used **server components**, **client components**, and **server actions** like useFormState, redirect, and revalidatePath to optimize form handling, page rendering, and user flow.
- Developed custom HTTP utilities for **RESTful API integration**, incorporating centralized error handling and form validation.
- Handled secure user input and submissions by sanitizing content using **XSS protection libraries** and rendering rich-text content safely.
- Implemented **file uploads** using Node.js fs module and persisted structured data with **SQLite (better-sqlite3)** for lightweight and fast backend storage.
- Designed responsive and accessible UI layouts using **Material UI**, **Tailwind CSS**, and **Bootstrap 5**, ensuring consistent cross-device experiences.
- Followed best practices for **clean component architecture**, **event handling**, **localStorage integration**, and **conditional rendering** to ensure robust and maintainable code.
- Used tools like **Git**, **Jira**, **Jenkins**, and **VS Code** for source control, issue tracking, CI/CD, and team collaboration.
- Participated in **Agile** delivery processes through daily stand-ups and task breakdowns —contributing to a **20% increase in team velocity**.
- Deployed applications on Kubernetes clusters using kubectl, managing **pods**, **services**, **secrets**, **config maps**, and **rolling updates**.
  Debugged container issues, optimized resource utilization, and assisted with **cluster upgrades** and **scalability tasks**.
- Leveraged **AWS services** like **EC2**, **S3**, and **IAM** to support hosting, file storage, and cloud-based deployments as part of project delivery and infrastructure requirements.

Education

Bachelor's Degree, Computer Engineering
- Sinhgad Institute of Technology, Lonavala

Diploma, Computer Engineering
- D.Y Patil Polytechnic, Akurdi

Certifications

- **Kubernetes Certification**: Certified Kubernetes Administrator (CKA) by Linux Foundation (CNCF)
- **Cloud Certification**: AWS Certified Cloud Practitioner

Accomplishments

- **Spot award**: Received spot award for Outstanding Contribution towards team efficiency and performance.