

Diven Khatri

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PROFESSIONAL SUMMARY:

A results-driven Full-Stack Developer with 4+ years of experience in building scalable web and mobile applications using React, Node.js, and Django. Adept at implementing microservices architecture, creating complex data platforms, and deploying robust solutions. Proven expertise in real-time data systems, secure authentication mechanisms, and end-to-end project delivery. Committed to optimizing performance and enhancing user experience, with a focus on crafting innovative solutions to complex technical challenges.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React.js, React Native, Redux, Next.js, Tailwind CSS, Saas, Figma
- **Backend:** Node.js, Express, Django (including Django ORM), FastAPI, Flask, RESTful APIs, Websockets, Microservices
- **Database:** MongoDB, MySQL, PostgreSQL, Redis, SQLite
- **Machine Learning:** NLP, Scikit-Learn, Data Preprocessing, TensorFlow, TensorFlow Lite (JS)
- **DevOps & Cloud:** Docker, Docker Hub, GCP, BigQuery, AWS, Aurora (Basic Knowledge)
- **Project Management:** Agile Methodologies, Jira, System Design (Basic), Unit Testing (Jest & Mocha), End-to-End Testing (Cypress)

EXPERIENCE:

Senior Software Engineer – RGS Technologies | March 2023 – Present

- Developed 20+ High-Performance Websites: Leveraged React.js, Next.js, Node.js, and PostgreSQL to deliver optimized, responsive websites with robust user interfaces.
- Data Platform Dashboard: Led the development of a comprehensive dashboard with role-based authentication, real-time updates, and financial analytics. Integrated complex data handling modules using GCP Big-Query and PostgreSQL for seamless analytics.
- Microservices Product Development: Designed and implemented 72+ microservices using React-Native and Django, focusing on user management and database architecture.
- ML and NLP Integration: Developed real-time insights and automated chart generation using custom NLP and ML models, enhancing the analytical capabilities of the product.
- System Migration & Deployment: Migrated a Next.js application to a ReactJS/Django stack, optimizing for performance and coordinating Dockerized deployments.

Full-Stack Engineer – Freelance | August 2022 – February 2023

- Developed and maintained multiple modern web and mobile applications for various clients, utilizing React.js, JavaScript, HTML, and CSS.
- Implemented custom content management systems and developed React Native mobile applications with features similar to Instagram.
- Managed full-stack development, ensuring smooth API integration, state management, and front-end routing for seamless functionality.
- Focused on delivering visually appealing, high-performance applications that surpassed client expectations.

React Developer – CraftMonks | January 2022 – August 2022

- Created a WhatsApp Chat-Bot using WordPress Restful APIs to streamline seller registration and order management.
- Developed a React Native E-commerce App for buyers and a separate Sellers App, integrating various e-commerce functionalities.
- Maintained and enhanced the company's WordPress website, ensuring optimal performance and an engaging user experience.
- Used Git for version control and collaboration, maintaining a high standard of code quality throughout.

PROJECT:

Intelligent Workflow Automation System – Front-End and Back-End Development

Tech Stack: React.js, Node.js, Express, MongoDB, Redis, Docker

Predictive Maintenance System for IoT Devices – Front-End and Back-End Development

Tech Stack: React.js, Node.js, Python (Flask), SQLite, MQTT

Advanced Data Privacy and Compliance Tool – Front-End and Back-End Development

Tech Stack: React.js, Node.js, Express, MongoDB, JSON Web Tokens (JWT)

Smart Document Classification System – Front-End and Back-End Development

Tech Stack: React.js, Node.js, Python (Flask), TensorFlow, SQLite

Real-Time Chat Application with Sentiment Analysis – Front-End and Back-End Development

Tech Stack: React.js, Node.js, Express, Socket.io, MongoDB, TensorFlow

Open-Source Task Management System – Front-End and Back-End Development

Tech Stack: React.js, Node.js, Express, MongoDB, Docker

EDUCATION:

Smt. Chandibai Himathmal Mansukhani College, Mumbai | Bachelor's Degree in Commerce | July 2015 to April 2024