RAGAVENDRAN HARIPRASATH

Senior Frontend Software Engineer | React & Next.js Expertise | Performance Optimization | Full Stack Development

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EXPERIENCE & PROJECTS

Technical Lead : Senior Product & Platform Engineer

Altimetrik - Lululemon   📅 03/2024 - Present   📍 Chennai, India

Worked for **Lululemon Athletica Canada** inc e-commerce shopping

- **Designed and developed** a robust e-commerce shopping site using **React.js**, **Next.js**, **Webpack**, **Jest**, **Storybook**, and **TypeScript**.
- **Built reusable and modular React components** to enable dynamic page creation and seamless content updates without developer intervention.
- **Implemented server-side rendering (SSR)** with Next.js to improve page load times, enhance core web vitals, and optimize SEO.
- **Optimized application performance** through **code-splitting**, **lazy loading**, and **caching** strategies
- Developed an **AWS Lambda** function triggered by file uploads to an **S3 bucket**, automatically inserting related records into **DynamoDB**. Exposed the data via a **REST API**, integrating with the frontend to efficiently retrieve and display data, resulting in a 20% increase in SEO productivity.
- Integrated APIs with **AWS Lambda** for serverless architecture, implemented **API Gateway** for API management and security, leveraged **DynamoDB** for scalable NoSQL database solutions, and automated infrastructure deployment using **CloudFormation** for efficient and reproducible infrastructure management.

Senior Engineer Product And Platform

Altimetrik - DBS   📅 03/2022 - 03/2024   📍 Chennai, India

Worked for DBS one of the largest banks in Singapore

- **Delivered end-to-end development** of critical front-end features for the **Infinity Digital Bank** application using **React**, **Redux**, and **TypeScript**.
- Implemented a scalable **Micro Front-End (MFE)** architecture using **Webpack 5** and **Module Federation**, achieving 100% **unit test coverage** with **Jest**, **React Testing Library**, and **Cypress**, while integrating with an **RDS database** for data management.
- **Enhanced UI responsiveness and accessibility**, ensuring compliance integrated **internationalization (i18n)** and **localization (l10n)**.

Full Stack Developer

**Codenatives - SportZag**   📅 11/2021 - 03/2022   📍 Chennai, India

Worked for Sportoco / SportZag one if the biggest Ecomerce site

- A social media-driven commerce broadcast network that seamlessly integrates into the customer's relationship with their sport and sports lifestyle **React**, **Redux**, and **TypeScript**.
- **Broadcast integration**: Combines real-time sports broadcasting with commerce, allowing viewers to engage with products and services related to their favorite teams, athletes, and sports lifestyle directly during live broadcasts
- Managed full-stack development, handling both frontend and backend components, utilizing technologies such as **Socket Cluster** for real-time communication, **GCP Pub/Sub** for scalable event-driven architectures, and **SendGrid** for email notification systems.
- Integrated **Redis** as an in-memory data store to optimize backend performance, enabling faster data retrieval and reducing latency for critical application operations.

SUMMARY

Frontend and Full-Stack Developer with 7.5 years of experience in **frontend** and **full-stack development**, specializing in **React.js** and **Next.js**. **Prepared** and implemented key improvements, including a 20% boost in website performance through **server-side rendering**, and **guided** the growth of a podcast audience by 25% by featuring 10 entrepreneurs. Seeking a **Senior Frontend Software Engineer** position at **Altimetrik**, where my **frontend** and **full-stack development** skills will be utilized to deliver exceptional **user experiences** through innovative web applications.

KEY ACHIEVEMENTS

💎 **Gem Award**
Awarded by Altimetrik India for driving complete UI development for DBS

💎 **Rise and Shine Award**
Awarded by Altimetrik India for extraordinary performance and ownership

💎 **Website Performance Boost**
Improved website performance by 20% implementing server-side rendering with Next.js.

💎 **Podcast Audience Expansion**
Increased podcast audience reach by 25% featuring 10 entrepreneurs.

💎 **Full Test Coverage**
Achieved 100% unit test coverage with Jest, React Testing Library, and Cypress.

💎 **Patient Satisfaction Improvement**
Enhanced patient satisfaction by 25% developing ReactJS healthcare platform.

EXPERIENCE & PROJECTS

Senior Product Developer

Codenatives - Digitiv 📅 10/2021 - 12/2021 📍 Chennai, India

Worked Digitiv – PodCast one of the biggest PodCast

- Increased audience reach by {25%} by featuring {10} influential entrepreneurs on podcast episodes.
- Improved scalability and performance by {30%}, optimizing podcast hosting using Google Cloud Platform.
- **Utilized BigQuery** to analyze listener data, extracting valuable insights that informed content strategies and improved listener retention.

Senior Product Engineer

Codenatives - PxQuad 📅 01/2021 - 10/2021 📍 Chennai, Location

Worked PxQuad Health-care at Codenatives

- Enhanced patient satisfaction by {25%} by creating a ReactJS platform improving interfaces for payers and providers.
- Leveraged **Google Cloud Platform (GCP)** to build a secure, scalable cloud infrastructure that supports seamless integration between healthcare systems, ensuring smooth data exchange between payers and providers.
- **Utilized BigQuery** to analyze healthcare data, generating actionable insights to optimize patient outcomes and streamline decision-making for healthcare providers.

Senior Developer

Codenatives - Device Commerce

📅 07/2020 - 01/2021 📍 Chennai, India

Worked Device Coherence at Codenatives

- **Developed a comprehensive all-in-one solution** for the repair industry to manage quotes, appointments, ecommerce, and marketing, addressing a gap in the market for seamless business operations.
- **Built dynamic user interfaces** with **ReactJS**, ensuring a responsive, intuitive, and high-performance experience for users.
- **Designed and implemented robust backend services** using **Node.js**, enabling efficient handling of business logic, data storage, and server-side operations.
- **Leveraged AWS services** like **Cognito** for secure user authentication and **Lambda** for serverless computing, reducing infrastructure overhead and improving scalability.
- **Managed data storage and queries** through **PostgreSQL**, ensuring efficient data processing and maintaining data integrity for the application.
- **Implemented cloud-based architecture** using **AWS**, ensuring high availability, scalability, and security for both frontend and backend systems.

SKILLS

Javascript   React JS   Next JS

TypeScript   Webpack   Node JS

HTML/CSS   GitHub   GitLab

GraphQL   Jest   AWS   GCP

Agile   Eslint   Visual Studio Code

EDUCATION

Bachelor of Technology (B.Tech.), Information Technology

Jeppiaar Engineering College

📅 01/2013 - 01/2017

EXPERIENCE & PROJECTS

Full Stack Developer

Stanzatek Solutions   🗓 06/2018 - 07/2020   📍 Bengaluru, India

Worked on the HR Management and Monitoring Tool

- **Developed an employee monitoring system** focused on productivity metrics, allowing detailed tracking of websites accessed by employees and time spent on each.
- Implemented **time tracking features** to monitor employee work hours, enhancing productivity analysis and improving workforce management.
- **Monitored application and internet usage** to track software engagement and website browsing patterns, providing valuable insights for performance optimization.
- **Built the backend** using **PHP** and **MySQL**, creating a robust database structure for secure storage and querying of employee activity data.
- **Created the frontend** with **HTML, CSS, JavaScript, and Bootstrap**, ensuring a user-friendly interface for administrators to access reports and analytics.
- **Implemented Python scripts** for data processing and automation of recurring tasks, streamlining workflow and enhancing the efficiency of monitoring.
- **Utilized MongoDB** for storing large volumes of non-relational data, ensuring flexibility and scalability as data grows.