**SAMPATH GARIMELLA**

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**SUMMARY**

Full Stack Developer specializing in building scalable web and mobile applications across logistics, healthcare, and telecommunications industries. Proficient in React.js, Node.js, TypeScript, and cloud platforms like AWS and Azure. Focused on optimizing workflows, improving system performance, and delivering user-centered solutions. Dedicated to driving innovation and achieving business goals in agile environments.

**EXPERIENCE**

**Mastery Logistics Systems** – Atlanta, GA Oct 2024 - Present   
**Full Stack Developer**

* Developing solutions for carrier operations, focusing on managing driver data, routes, loads, and client interactions to optimize logistics workflows.
* Increased operational efficiency by 25% by implementing features to optimize driver profiles, routes, and load data.
* Implemented unit tests using Jest to ensure code stability and enhance the reliability of the application.
* Crafted scalable user interfaces with React.js, TypeScript, and Redux, leveraging components for maintainability.
* Spearheading the development of a logistics driver mobile app, integrating frontend and backend functionalities.
* Configured Nginx for load balancing in production environments to ensure high-availability and scalability.
* Integrated RESTful APIs and GraphQL for seamless data flow between frontend and backend services, improving data accuracy and system reliability.

**UPMC** – Pittsburgh, PA Dec 2023 – Sep 2024

**Full Stack Developer**

* Designed and implemented scalable full-stack solutions, enhancing robust healthcare technology platforms.
* Deployed microservices on AWS using EC2 and Lambda to enhance scalability and reduce latency.
* Built reusable backend services with Node.js and Docker, improving code reusability.
* Worked with Freemarker for templating dynamic content and integrating data into web applications.
* Increased application performance by 20% by designing and managing optimized database schemas with MongoDB and PostgreSQL, implementing advanced query optimizations.

**The Cigna Group** – Overland Park, KSJan2022 – Nov 2023

**Full Stack Developer**

* Developed robust healthcare applications prioritizing scalability, performance, and user-focused design principles.
* Implemented comprehensive full-stack solutions, optimizing workflows and boosting overall system efficiency.
* Boosted user engagement by 10% through React Native mobile apps, expanding access to healthcare services.
* Enhanced data processing efficiency by configuring Apache Kafka with Spring Cloud Stream for real-time analysis.

**Tech Mahindra** Jan 2021 – Dec 2021

**Web Developer**

* Contributed to the development of responsive and high-performing web applications, ensuring seamless user experiences and efficient backend integrations.
* Improved website loading speed by 20% by implementing front-end optimizations using HTML5, CSS3, JavaScript, and Bootstrap, enhancing user experience.
* Reduced front-end bug reports by 30% by implementing rigorous cross-browser testing and optimization strategies.

**SKILLS**

**Languages:** JavaScript, TypeScript, Python, Java **Frameworks & Libraries**: React.js, Redux, Node.js, Spring Boot, React Native, Angular **Databases:** MongoDB, PostgreSQL, MySQL, Microsoft SQL Server **Other Tools & Technologies:** Kubernetes, Docker, Nginx, Freemarker, Jenkins, Kafka, GraphQL, Apollo, RESTful APIs, CI/CD, Azure, AWS

**Development Practices:** Agile Methodologies, Unit Testing (Jest), Version Control (Git, GitHub, GitLab, Bitbucket)

**EDUCATION**

**University at Buffalo SUNY,** *Master's Degree, Computer Science*  Buffalo, NY

**KL University,** *Bachelor’s Degree, Computer Science* India