Guruprasad Venkatraman

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Skills _____

- **Java | JavaScript | TypeScript | C | MongoDB | MSSQL | Node | Express | React | Vue | Redux | jQuery | NoSQL | Git | Spring | Spring Boot | Hibernate ORM | AngularJS | React-native | Kubernetes | Docker | MySQL | Python | GraphQL | Linux | Shell Scripting | PHP | .Net | Jenkins**
- **Azure | AWS | Cloud Computing | CI/CD | JUnit | Jest | Cucumber | Unit Testing | Ansible | Lambda | Apache Kafka | Terraform| RabbitMQ**
- **Microservices | Distributed Systems | Frontend | Backend | Full-Stack**

Experience _____

Software Developer	**SkillNet Solutions**	*Twinsburg, OH, USA*	**06/2023 – 10/2023**

- Proposed and created responsive web applications using **JavaScript, React JS and Redux** focusing on user interface design and interactivity.
- Developed RESTful API services using Node.js, seamlessly integrating with the React Native application and improving data retrieval efficiency by 50%.
- Conducted extensive testing and debugging, reducing application downtimes by 25% and enhancing overall reliability.
- Integrated cloud-based database services, optimizing application functionality and reducing response time by 40%.

Software Engineer	**Drughelp-Care**	*Cleveland, OH, USA*	**02/2022 - 05/2023**

- Spearheaded the implementation of React.js and Angular frameworks to create scalable front-end components, resulting in a 50% increase in user satisfaction and a 25% decrease in bounce rate.
- Worked closely with backend teams on API development and integration, ensuring seamless full-stack functionality
- Managed state and data flow in applications, leading to a 15% boost in efficiency and scalability.
- Transformed the marketing platforms user-experience testing process by integrating Night watch and Selenium cutting down testing time by 60%.

Software Engineer	**Stack Smith**	*Odisha, India*	**08/2021 - 02/2022**

- Integrated cloud-based database services for enhanced application functionality. Built **RESTful API services using Node.js** that integrate with the React Native application. Integrated push notifications into mobile app using **Firebase Cloud Messaging**.
- Directed a team of 8 in the advanced development of **React Native mobile apps,** achieving a 30% enhancement in system performance. This pivotal project led to a 40% increase in user engagement and contributed to a 25% growth in annual revenue.
- Performed unit testing and debugging to identify and resolve software bugs, ensuring smooth application performance.
- Configured continuous integration tools such as Jenkins for automated deployment processes.

Software Engineer	**Triloki Smart Systems**	*Bangalore, India*	**08/2020 - 07/2021**

- Streamlined website deployment processes **using Jenkins, reducing deployment times by 50% and improving operational efficiency**.
- Played a crucial role in development for various projects, focusing **on backend systems, API integrations, and cloud-based solutions**.
- Created and re-organized software solutions for data analysis and reporting, utilizing modern programming languages and database technologies.

Education _____

Bachelor of Engineering	**Anna University**	*Chennai, TN, India*	**08/2016 - 07/2020**

- Major in Electronics and Computer Engineering

Master of Science	**Cleveland State University**	Cleveland, OH, USA	**01/2022 – 05/2023**

- Major in Computer Science

Projects _____

- **Multi-Cloud Integration**: Worked on integrating AWS with other cloud providers for seamless experiment runs across different clouds.
- **Infrastructure Automation**: Implemented scripts and tools to automate common infrastructure tasks, enhancing operational efficiencies.

Mentorship _____

- **Computer Science Tutor:** Programming | Data Structure and Algorithms | Coding Interview Prep | Professional Portfolio

Certifications _____

- **AWS Certified Solutions Architect (02/2020)**