Sandhya Srinivasan

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Professional Experience

Frontend developer, Research and Development   06/2023– Present

Advantest Europe GmbH, Stuttgart

- Currently serving as a Frontend Developer as part of a team of 10 engineers in R&D
- Specializing in the creation of responsive web applications in React and Typescript, serving both internal and external users.
- Engaged in developing applications for web and Desktop environments using the Wails framework.
- Modernized legacy applications written in Ruby/Rails into high-performance Single Page Applications.
- Implementing innovative UI/UX enhancements to improve user experience and drive user engagement.

Senior Full Stack Developer at Wipro Digital   06/2021– 03/2023

Lloyds Banking Group, Remote

- Worked as a Senior Full Stack developer and an SRE Engineer to build and maintain an internal tool for the Data scientists of Lloyds banking Group
- Created responsive frontend portal using React, Redux, Less and writing RESTful microservices for the application using Express and NodeJS
- Designed and implemented the application with 3rd party tools and microservices integration
- Collaborated with business users to understand issues, perform root cause analysis and work with the team for the development of enhancements/fixes
- Creation and administration Kubernetes clusters and deployed microservices in Kubernetes.

Senior Front End Developer at Wipro Digital   03/2019– 05/2021

Lloyds Banking Group, London

- Created responsive web applications for Payments, Claims and General Insurance journeys
- Upgraded traditional JSP web pages with React Single Page Application and increased the performance by 30%.
- Exhibited React mastery through frontend implementation of List of beneficiaries, payments history, making new payment, etc which live on the state and managed through Redux
- Followed Test-driven development (TDD) with jasmine and karma for unit-testing
- Implemented functional E2E test cases with Cypress and cucumber
- Collaboration with design, product, backend and testing team to build, test and maintain platform features

Full Stack Developer at Wipro Digital   06/2016– 02/2019

Energy & Natural Utilities, India

- Created five cross platform apps using React, redux, constellation and Ionic and written microservices using Node.js, Express, PostgreSQL, RESTful API
- Worked with business stakeholders and project managers to manage timelines and client expectations
- Developed an interactive chatbots in DialogFlow using Javascript APIs
- Integrated chatbots to web, mobile applications and in Google assistant and Facebook
- Architected backend by designing the Mongoose database schema and Express API middle

Educational Background

Anna University, Chennai, India   **2012 - 2016**
Bachelor's Degree in Instrumentation and Control Engineering | CGPA: 8.4

Certifications and Awards

Aug 2022	**AWS Certified Developer Associate**	
	Certification from Amazon AWS (Score of 982/1000)	
Sep 2021	**Certified Kubernetes Application Developer**	
	Certification from The Linux Foundation (Score of 93%)	
July 2021	**Extraordinaire Award**	
	Awarded by the Project manager for strong technical knowledge in Kubernetes	
Nov 2020	**Inspiring Performance Award**	
	Awarded during Lloyds Banking Group all hands meet	
Aug 2017	**CEAN Full Stack Professional**	
	Certification from NIIT, Stackroute	

Professional Skills

Programming Languages	JavaScript, Typescript, Bash and shell scripting
Front end	React JS, Next JS, HTML, CSS, Less, Sass, jQuery, Android
Back end	Node JS, Kubernetes, Docker
Database	MongoDB, Mssql, Postgres
Monitoring tools	Grafana, Prometheus, Splunk
CI/CD tools	Jenkins, Sonar, Ansible
OS	Linux CentOS, Ubuntu, Android
Version Control Tools	GitHub, Gitlab

Personal Skills

Languages:

Tamil	English	Hindi	German
Mother Tongue	*Business Fluent*	*Limited Working Proficiency*	*Working Proficiency*