

SANGEETHA GOPALANsangeethagopalan16@gmail.com

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Education

B. Tech IT with 8.73 CGPA in Sri Krishna College of Engineering and Technology, Coimbatore.

Technical Skills

Languages	Java, PHP, Python
Back-end	RESTful web services, Spring, Spring Boot, Hibernate, SQL, Pusher, MapReduce
Application Servers	Jboss, Tomcat
Database	PostgreSQL, MySQL, Mongo DB, Solr
Others	Design patterns, AWS - SQS, SES, RDS, S3, EC2, Zookeeper, Maven, Git, Wordpress, Rundeck, LDAP, Hazelcast

Work Experience**Tata Health, Bangalore - Senior Associate (Developer) - May 2018 - Present**

EMR	<ul style="list-style-type: none"> • Create and maintain 100+ high performance RESTful web services • Web services security improvements and database encryption • Quick analysis and hot-fixes of production and customer issues • Optimized 15+ poor performing backend APIs • Implemented Authorization and Authentication filters for Security
Consumer Application	<ul style="list-style-type: none"> • Modules Developed: Consumer Logger, Consumer OnBoarding, Nutrition • Handle production push and On call support • Worked on Security improvements both on application and server side
Pharmacy	<ul style="list-style-type: none"> • Built an E-Pharmacy service that provides consumer's easier access to buy medicines online • Integration with multiple pharmacy vendors to handle the online orders • Developed a script to upload medicines data from the vendors.
Emr Recommendation	<ul style="list-style-type: none"> • Developed a recommendation engine that aims at suggesting the frequently used consultation data like medicines, symptoms, diagnosis, etc based on doctor's usage history using the map-reduce techniques
Notification System	<ul style="list-style-type: none"> • Built a communication system to send sms, email and push notifications to consumers and doctors • Integration with Gupshup for sms, AWS-SES for email and firebase for push notifications. • Queue implementation using the AWS-SQS to send notifications and handle failures.
Scheduler	<ul style="list-style-type: none"> • Designed and developed a Scheduler microservice using the quartz scheduling framework • This will handle the real-time scheduling as well as the batch jobs for the entire Tata Health Applications

Tata Health, Bangalore - Associate (Programmer) - June 2016 - May 2018

EMR	<ul style="list-style-type: none"> • Creation and maintenance of 50+ high performance RESTful web services • Enhanced performance and functionality of 30+ RESTful web services • Worked on PDF generation using itext pdf • Spring web service migration for 2 major modules • Developed multiple web services for Flexi-EMR - light version of EMR app
Consumer Blog	<ul style="list-style-type: none"> • Developed the Health Articles Blog for consumer application using Wordpress • Single Sign On integration with the consumer application

Tata Health, Bangalore - Technical intern - February 2016 - June 2016

EMR	<ul style="list-style-type: none"> • Developed MultiTenant DB Tool - Internal tool to handle the db changes across multiple tenant databases • Wrote multiple utility tools for report generation and sms usage alerts • Received job offer for giving outstanding performance during internship
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Recognitions

Achievements	<ul style="list-style-type: none"> • Received AppLaudz award in Tata Digital Health for Security and Production Push ownership • Won Excellence award in Tata Digital Health for Multitasking and efficiency
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