

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(5+ yrs)**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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