

Sindhu Harish

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Professional Experience Summary:

- 4 years (July 2016 – Till Date) of experience in software development, Mainly for applications using JMS, Spring boot , micro services, and hibernate and Client/Server applications which involved technologies like Java, Web services, Node.js, Elastic Search, Angularjs, HTML, CSS, Java Script, big data and machine learning, Python. Docker. IAM and Vault services of AWS
- Responsibilities were requirement analysis, part of design teams, software development and unit testing, bug fixing, code reviews and providing technical help to the team in resolving issues mentoring the new team members and customer interaction.
- Core competencies are in Java/J2EE technologies and have proficiency in Core Java, Spring Boot, Micro Services, writing Junit test cases, following test driven development approach, JMS and Testing frameworks as Jmock, Powermock, Mockito, DevOps practices. Container management for large scale products and projects using docker and kubernetes , and python

Professional Experience:

- 3 years of experience as a Senior Software Engineer at Mindtree , Bangalore. Since July 2016 to June 2019.
- Currently working as a Software Engineer || at Philips India Limited, Bangalore. Since July 2019 to till date.

Technical Environment:

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|------------------------|---|---|
| • Backend Technologies | : | Core Java , Spring MVC, Hibernate 4, spring boot, Python |
| • Web Technologies | : | HTML, CSS, Node.js, Java Script, AngularJS |
| • Development Tools | : | Eclipse, Visual Studio Code |
| • Web Servers | : | Apache Tomcat 7.x, Web logic, Azure web services, AWS |
| • DBMS | : | MySQL, mongodb, Elastic Search, Redis |
| • Operating System | : | Windows XP/7, Windows 10, Mac |
| • Infrastructure | : | DevOps practices, Jenkins, CICD Shell\Bash scripts, Docker, Kubernetes. |

Strengths:

- Good experience in Agile [Scrum] Methodology.
- Been part of COE(Centre OF Excellence) group which is a R&D of Mindtree, so could get more exposure to cutting edge technologies.
- Experience in all the phases of SDLC from requirement gathering, implementation and testing.
- Hands on experience in following test driven development to ensure code quality.
- Experience as a Full Stack Developer using technologies: Java, Spring, Hibernate, JMS, Node.js, HTML, CSS, Java Script
- Hands on Experience on Continuous Integration and deployment using Maven and Jenkins.
- Experience in coordination with the Client on a daily basis.
- 1+ years of experience in Medical domain.

Educational Qualification:

Course	Discipline/ Specialization	Institution	University	Year of Completion	Percentage
B.E.	Computer Science and Engineering	University Visvesvaraya College of Engineering, Bangalore	Bangalore University, Karnataka	2016	75
Class XII	Science (P.C.M.B)	Govt College, Tiptur	Karnataka	2012	91
Class X		Govt Girls High School, Tiptur	Karnataka	2010	93.6

Project Detail:

Patient Scheduler – Scheduling Patient Imaging

- Project Type : Application Development
- Role : Full Stack Developer
- Team size : 6
- Duration : June 2020 – Till Date

Description : This application is developed for enabling the patient to schedule their imaging which avoids them wasting time while booking over the telephone. Stratify patients and engage with them for

pre scan procedures. Notify patients before and after their scans. RIS staff can spend time effectively on their core work rather than scheduling. Optimizing the resources effectively to help lower the cost of care

Roles and Responsibilities:

- Backend Micro Services Development using Spring Boot Java.
- Been part of design team.
- Exploring Retool to have it as a front end development engine.
- Setting up CICD and Jenkin jobs.
- End to end testing.

Project Detail:

RaaS(Reading as a service) – Software Dicom Gateway

- Project Type : Product Development
- Role : Product Developer
- Team size : 4
- Duration : November 2019 – April 2020
- Description : This application was developed as a teleradiology platform which provides a gateway “DICOM Gateway for Carestream” for Hospitals. It shall just convert DIMSE (C-STORE) to DICOMWeb (STOW-RS) and send to “Software-Based DICOM Gateway”. Then “Software-Based Gateway” converts the DICOMWeb (STOW-RS) to DIMSE (C-STORE) to “Carestream gateway RACK”. Then “Carestream gateway RACK” forwards the DICOM to “Carestream PACS”.

Roles and Responsibilities:

- Leveraging google healthcare SDK to convert DIMSE to DicomWeb and viceversa.
- Been part of design team.
- Logic implementation using java to develop an installable (.exe file)
- Setting up CICD and Jenkin jobs.
- End to end testing.
- Handling network fail overs and network bandwidth issues.

Project Detail:

Health Suite China (HSC) – Nutrition App for Health Management

- Project Type : Development
- Role : Java Backend Developer and DevOps setup
- Team size : 7
- Duration : July 2019 – November 2019
- Description : The target is to extract and standardize the APIs/Data for China specific Recipe, Food, Food Composition, and make the APIs/Data can be adopted by multiple domain relevant propositions, and make the APIs and data to be de facto norm across Philips China. The APIs considered compatibility with the ones from OneKAs to retain potential cooperation opportunities among different BGs.

Roles and Responsibilities:

- To write business logic and food related APIs using Spring Boot and Micro services.
- Setting up CICD and Jenkin jobs.
- Part of Design team and worked under the senior architect to finalize the API architecture.
- Following TDD by writing Junit test cases and delivered quality code.
- Formulating Elastic Search queries and Designing the ES DB data.

Recognition: Best Employee in the category **Taking Ownership to deliver fast**

Project Detail:

Gillette – Image Recognition

- Project Type : POC
- Role : Full Stack Developer
- Team size : 1
- Duration : 5 months
- Description : This application was developed to recommend set of Gillette products to the consumer based on the selfie clicked or image uploaded by him. This is to achieve more consumer engagement and also help consumers to choose the right product for their skin tone and beard type.

Roles and Responsibilities:

- Collecting data for training the model
- Worked on beard type and skin type classifier which is based on the model multitask deep learning based Convolution Neural Net Classifier.
- Designing the technical approach as to achieve this
- Developing a demo website (both backend and frontend) to showcase this experiment to the customers
- End to end testing.

Project Detail:

Live Webinar and Q&A Features

- Project Type : POC
- Role : Full Stack Developer
- Team size : 1
- Duration : 5 months
- Description : This application was developed as proof of concept for implementing live webinar features on the GHH platform inviting experts on a fortnightly basis and - driving users to sign up to register for the webinar, as well as allowing pre-event and in-event live Q&A via a parallel solution.

Roles and Responsibilities:

- Identifying means / 3rd party tools using which a live video could be streamed on the solution
- Providing design and technical approach as how live webinar registrations can be activated, while allowing pre-event Questions to be collected
- Recommend a technical approach to how this solution could be setup to supplement the existing GHH platform
- Environment support and taking ownership for implementation of the project using Azure Media Services
- End to end testing of the same
- Development of User Interface (front end) to showcase this to the customers
- Exposure to high level cost estimation.

Project Details:

SITA-DCS (Departure Control System)

- Project Type : Development
- Role : Java Developer
- Team size : 10
- Duration : Nov 2016 – April 2018
- Description : SITA is a multinational information technology company providing IT and telecommunication services to the air transport industry. DCS deals with the complete journey of a passenger and is used by Airline to keep track of their Aircrafts and Services.

Roles and Responsibilities:

- To write business logic using Core Java
- Following TDD by writing Junit test cases

- To write Dao and service classes using hibernate 4
- Been part of developing JMS mock framework for testing request response when the server will be down.

Internships:

Orchad Training Program Kalinga (Bhuvaneshwar Centre)

- Project Type : Development
- Role : Java Developer
- Team size : 1
- Duration : Jul 2016 – Oct 2016
- Description : All campus minds who will get selected to Mindtree will undergo rigorous training and 3 months of internship and will be assessed at Mindtree Bhuvaneshwar centre. Only those who clear their assessment will be selected as Mindtree employees.

Roles and Responsibilities:

- As campus mind underwent 4 months of rigorous training on Java.
- Cleared the training program by completing all the assignments.
- Been part of Water management project which aimed at effective management of water of the Kalinga Campus.
- Been part of many group activities and cultural initiatives.

Certifications : Agile SAFE training , AWS , Mastering Python, Java 8 .

Personal Details:

Name	:	Sindhu Harish
Date of Birth	:	15 th July 1994
Gender	:	Female
Marital status	:	Single
Hobbies	:	Playing Badminton, Trekking, Travelling, Chess
Nationality	:	Indian
Languages	:	Kannada, English, Hindi
Address	:	#42, M M Basappa Apartments, 1 st main road, Teacher's colony. Vidyaranyaपुरa, Bangalore – 560097

Declaration:

I hereby declare that the all information furnished above is true to the best of my knowledge.

(Sindhu Harish)