Manasa Thipparthi

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PROFESSIONAL SUMMARY

Self-motivated and analytical software engineer with experience in developing projects from design to deployment and writing robust code for high volume businesses.

SKILLS

Programming Languages	**Java, Python, C, C++, R Programming**
Scripting Language	**Linux, Ruby, PHP**
Web Development	**HTML5, CSS3, JavaScript**
Database	**SQL / MySQL, MongoDB, PostgreSQL**
Web Services	**JSON, XML, Firebase, REST**, **AWS**
Framework	**Angular JS, ReactJS, Spring, Spring boot, Ionic**
Version Control	**GIT, SVN**
Tools	**Eclipse**, **Android Studio, Docker, Jenkins, PyCharm, VSCode, MS Visual Studio**

PROJECTS

Cerner Corporation (Software developer)   Feb 2018 - Present

Project: Core Measures MPage   **Technologies:** JavaScript, React, Redux, Jenkins

Role and responsibilities:

→ *Create and maintain components that use the Millennium data and run rules to determine the best course of action that can be done for the patient by giving suggestion about the finding from the case and medications that can be suggested.*

→ *Followed the process for the client compliance that includes checking the whole workflow and update the packaged software with the new components. Clear documentation was a part of the expectation from the role.*

→ *Batches were written to update the suggestions based on time and determine the medications and test should be considered. These batch operations are also used by the hospitals to sample the patients.*

→ *GitHub hooks and Jenkins API's were used to automate the JAR release and notify the consumer of the release changes.*

→ *Maintaining Snapshot repositories up to date and releasing client consumable JARs.*

→ *The auditor which runs every day provides developer an overview of what needs to be done to complete the task and what steps are left in the task that needs to be completed while also giving additional available details. The auditor matched the JIRA to the blueprint of the tickets based on the type to differentiate between different types of JIRA's.*

→ *Components are designed to be reusable and are were frequently updated based on the requirements and documented for clients use.*

Shaping Art (Software developer Intern)   May 2017- Jul 2017

Project: CoWork Unite   **Technologies:** Java, JavaScript, Oracle DB, PostgreSQL, AngularJS, Ionic

Roles and responsibilities:

→ *Updated the existing app to use the newer technologies and Ionic framework to render the application for mobile applications.*

→ *Developed a responsive web application compatible with all the devices using Ionic framework and Angular JS. This application includes uniting different people by posting different events, jobs and allowing them to book a space etc.*

→ *API's were written to collect data from different sources and PostgreSQL was used to manage the data.*

→ *Functionality was written in Java and frequently updated to use the latest API's and methods.*

→ *Review all the code that would be added to the repository to maintain coding standards and consistency.*

→ *The team followed an agile methodology where the whole team would plan the steps that are done and yet to be done and work on them.*

Tata Consultancy Services (Software developer)   May 2014- Jul 2016

Project: Geospatial Analytics   **Technologies:** Java, GMaps API, d3.js, Oracle DB, RESTful, Tomcat

Roles and responsibilities:

→ *Performed visual analysis and generated reports by comparing various parameters to present to client.*

→ *Extracted data from UK Power Networks, performed data cleansing and used that to perform analysis.*

→ *Designed a responsive web application using AngularJS and Bootstrap to display the generated reports and dashboards.*

→ *Developed the Java webserver on the backend which uses to REST services to provide the stored reports and perform analysis.*

→ *Helped in designing the template for the visual reports which would reduce the cost printing.*

→ *Part of the job was to learn the whole flow to suggest any improvements or features that can be added.*

→ *Followed an Agile methodology with daily scrum to update the progress and clear any roadblocks.*

EDUCATION

UMKC– (MS) – Computer Science	Aug 2016 – Dec 2017	**GPA: 3.9**
JNTU– (B.Tech) – Computer Science	Jun 2010 – Apr 2014	**GPA: 3.8**

WORK & PORTFOLIO

LinkedIn	**GitHub**	**Portfolio**
https://www.linkedin.com/in/manasathipparthi/	*https://github.com/ThipparthiManasa*	*https://thipparthimanasa.github.io/*