**MANEESH KUMAR VUPPUGALLA**

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**EXPERIENCE**

**Systems Engineer – Java Developer Infosys** - **Hyderabad, India** (August 2017 – November 2019)

**Tech Stack:** Java, Spring Boot, Microservices, Spring JPA, REST API, React, Maven, Oracle, Junit, Service now.

* Developed a Health Care application that will be used by Medical Social Workers (MSW) to organize their work in handling different cases related to the patients.
* Worked on back-end web development and design using Java/J2EE applications (Java, REST Services, Spring Boot, API/Microservices, Maven, JIRA).
* Used Rest Controller in spring framework to create RESTful Web services and JSON objects for communication.
* Design and development of Microservices using Spring Boot. Developed User Interface using React.
* Developed test classes in JUnit and used JIRA as a project management tool.
* Used Git version control technology and JIRA to track problems.
* Worked in complete Software Development Life Cycle (requirement gathering, analysis, design, development, testing, implementation and support) using Agile Methodologies.

**Software Internship Infosys** - **Mysore, India** (January 2017 – May 2017)

**Technologies:** Java, Python, Object Oriented Programming, SQL, AngularJS, Hibernate, Agile, Ajax, JPA, JSP.

* Developed a web based dynamic J2EE application. Applied Spring MVC architecture to establish control flow between user interfaces, database

and the java servlets.

* Implemented JDBC connections between servlets and database to store and fetch the data when appropriate action is performed.
* Interacted directly with clients to design and gather requirements and provide appropriate technical solutions.

**TECHNICAL SKILLS**

**Programming Languages:** Java, Python, SQL, MySQL.

**Web Technologies/Tools:** Java Spring, J2EE, Spring Boot, JPA, JDBC, JSP, REST, Junit, HTML, CSS, ReactJS, JSP, Angular, JavaScript, XML, JSON, Maven, Docker, Git, REST, Microservices, Tomcat, Object Oriented Programming, Object-Oriented Design, OOPS, Agile, Design Patterns, ORM, Relational Databases, Web Services, RESTful APIs, Spring Framework, Ajax, jQuery, Spring MVC.

**Development Environments:** Visual Studio Code, Android Studio, Eclipse, Jupyter.

**Methodologies:** Agile, Waterfall.

**PROJECTS**

**TODO Application – (Java, Spring, Maven, REST, JPA, Hibernate, POSTMAN, Junit, Eclipse)**

* A TODO application for managing the daily TODOs.
* This application is built on top of Java Spring MVC framework which introduces the concepts like Dependency Injection, Bean Management.
* Also, it uses REST for managing the webservices and it fetches and updates the data to the database using the JPA and uses Maven for dependency Management. It tests its application with Junit Framework which is used for Unit testing the applications.

**Dream Job – (Java, Android Studio)**

* An Android application that assists users on various professions and jobs in the world.
* This app provides different resources like exams to be taken, skills and education required for that job.
* Also, it provides the greatest people and contributors to that area of interest. The app calculates and displays the year in which the person is going to be working as the same taking input the current education.

**Burger Website – (React)**

* A web application where a user can dynamically create a burger, modify, add ingredients & purchase it.
* The user has access to the history of previous orders.

**Operational Intelligence – (Java, Eclipse)**

* Developed an E-Commerce website using Java that generates logs for every specific action and activity performed in that website.
* We are recording and using these logs and finding some useful patterns that could impact the business model.
* We used ELK Stack (Elastic Search, Logstash and Kibana). This engine gives us the ability to aggregate system and application logs, then analyze and helps us in creating a visualization to better analytics.

**Image Classification using CIFAR 10 – (Python)**

* A Deep Learning model which identifies a real image into a class of 10 different objects using CNN model and KERAS library for implementation.
* The data set is divided into training and testing data. We train the model with CIFAR-10 data and then pass some real-world images to predict the final output of the image into a class of 10 different objects.

**EDUCATION**

**Masters of Science, Computer Science |** GPA: 4.0/4.0 **January 2020 – May 2021**

University of Dayton – Algorithms, Deep Learning, Data Visualization, Computer Vision, Advanced Database Systems, Android Programming.

**Bachelor of Technology, Computer Science |** GPA: 3.0/4.0 **September 2013 – May 2017**

Sreenidhi Institute of Science and Technology - Data Structures, OOPs, Operating Systems, Relational Database Management Systems.