



Lohitha Yenugu

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EDUCATION

Master of Science in Computer Science

Expected Graduation Date: May 2020

University of Missouri-Kansas City

GPA: 4

Related Courses: Programming for Web/Mobile Applications, Python Programming, Design and Analysis of Algorithms, Principles of Big Data, Big Data Programming, Adv Operating Systems, Parallel Algorithms, Statistical Learning, Internet of Things/Embedded Systems

SKILLS

Programming: Java SE, Python, C, C++, MEAN Stack, Spark SQL, Pig Latin

Web Technologies: HTML5, CSS3, JavaScript, AJAX, REST web services, JSP

JavaScript Libraries & Frameworks: jQuery, Angular, Bootstrap, React Native, Flutter

Big Data Ecosystems: Hadoop, MapReduce, HDFS, Hive, Pig, Spark

Database: MySQL, Oracle, Mongo DB, Firebase

IDE & Tools: Microsoft Visual Studio, Eclipse, NetBeans, PyCharm, Android Studio, WebStorm, Arduino IDE, Pega, Oracle Application Express

Version Control: GIT, Team Foundation Server

Methodologies: Agile

PROFESSIONAL WORK EXPERIENCE

Research Assistant, University of Missouri Kansas City

Kansas City, Missouri

May 2019-Till date

- Working as a student research assistant under Prof. Dr. Sejun Song on a research project- Wi-Fi Amber.
- This project helps in finding missing children with the help of an ESP tag and a mobile application to send the detected location.
- We are developing this project using Wi-Fi Direct technology, UI is being developed using Flutter.

Software Analyst

HEXAGON CAPABILITY CENTER INDIA (HCCI)

Aug 2017 – Dec 2018

- Worked on one of their PPM products SMAT (Smart Materials).
 - Involved in complete **Agile/SDLC** – Requirement Analysis, Development, System and Integration Testing and Sprint methodologies to do requirements gathering, analysis and planning
 - Worked on the BOM module of SMAT product. This module creates BOM (list of materials needed to deliver the project) and hands over a requisition (summarized BOM, this is the list of materials needed to buy).
 - BOM module webpages are developed using PL/SQL, JavaScript, jQuery, AJAX and the tool used is Oracle Apex.
 - Also designed the UI of the application such that compatible to Mobile, Tab and Desktop.
 - Gathered client requirements followed up by analysis, design, development and unit testing.
 - Documented the code, project functionality and educated the product owner, especially with respect to grooming and maintaining the product backlog.
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ACADEMIC PROJECTS

QUESTION PAPER GENERATOR

- Automated Question Paper web application developed using MEAN stack technology
- UI is built interactively using **Angular 6**. Data is stored and maintained in **MongoDB**.

TWITTER DATA ANALYSIS

- Twitter Data Analysis using Hadoop
- The main responsibility of this project is to do big data analytics and visualization of twitter data. Used Python to collect the tweets and performed tweet analysis using Hadoop, Apache Spark and Scala and visualization is performed through Google Charts.
- Technologies Used** - Python, Hadoop, Apache Spark, Scala, JavaScript, CSS, Twitter Streaming

ONLINE MOVIE TICKET BOOKING SYSTEM

- A Web application which includes registration and booking of tickets for the selected show. Developed using HTML, CSS, JSP, Servlets and JDBC.
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Awards and Accomplishments

- Received **Pat on the Back** AWARD for Q4 2017 at HCCI.
- Prized with an **Outstanding Performance Award** at HCCI.
- Received **Merit Scholarship** from the **Central Government of India** for 4 years during under graduation.