

SWETCHA REDDY VANGALA



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SUMMARY

- Skilled graduate with experience in application development using Java, SQL, HTML5, CSS3, Javascript, Angular
- Professional experience in web application development in an Agile SDLC
- AWS Certified Developer Associate with sound knowledge in the AWS cloud services
- Experience with REST based API, MVC framework and Ionic framework, familiarity with Git, networking concepts
- Dedicated, diligent, and a team player

EDUCATION

Master of Science in Computer Science, University of Missouri-Kansas City, GPA- 3.7/4 May 2018
Bachelor of Technology in Electronics and Communication Engineering, JNTU-H, India May 2016

TECHNICAL SKILLS

Programming languages: Java, JavaScript, C, PHP

Web Services: REST-API, JSON, XML

Databases: MySQL, MongoDB, Oracle 10g

Cloud Platforms: Amazon Web Services, Heroku

Web Development tools: HTML5, CSS3, Angular, Node.js, Servlets, JSP

IDE: Visual Studio, Eclipse, Web Storm, Android Studio, IntelliJ

WORK EXPERIENCE

Srashtaa Software: Software Engineering Intern July 2014- July 2016

- Performed Database operations using SQL queries and utilized JDBC to connect to MySQL
- Followed Agile Methodology for SDLC execution and participated in SCRUM, and presentations to clients
- Assisted the team to develop efficient, quality code to make a robust application

ACADEMIC PROJECTS

Yoospots In-Image Advertising with Interactive Hotspots *Angular, Node.js, Clarifai and Google Vision API, MongoDB*

Designed an Interface application to advertise brands through logos and brand ambassadors and trained models using Clarifai and Google Vision APIs to detect images of logos or brand ambassadors when clicked by user to be redirected to the advertisements page of that brand.

Movie Tweet Analysis on Twitter Using Apache Spark *HTML, CSS, JavaScript, Twitter API, Python, Spark SQL*

Designed a hybrid application which collects the tweets based on trending Hash tags of movies within seconds. Visualized the results using Google Charts API.

Smart Spending System *HTML, CSS, JavaScript, PHP, Wampserver, MySQL*

Developed a web application that allows its user to keep track on his or her budget. Utilized Currency API to make the application global.

Finding Shortest Path under uncertain conditions *JAVA, Eclipse, Dijkstra's Algorithm*

Developed a project to find the shortest path considering all the uncertain conditions along the path for 6 different criteria and implemented using vertex to generate shortest path algorithm.

Online sports store *HTML, CSS, JAVA, MySQL, Apache Tomcat server*

Developed a web application that allows students and staff of UMKC to rent or buy the sports products online. Designed web pages with validation controls for user inputs.

ACHIEVEMENTS AND LEADERSHIP

- Second Prize in UMKC Hackathon-2017 for Yoospots In-Image Advertising with Interactive Hotspots
- Awardee of Dean's International Scholar Award (DISA) throughout Master's at UMKC