

## PROFESSIONAL SUMMARY:

- Currently looking for a full-time opportunity in the field of computer science industry.
- Currently working on developing an IoT application that tracks the climate change using **Java J2EE, Spring, AWS & REST**.
- Graduated from University of Dayton with **Master's degree in computer science** with a **GPA 3.87**.
- Worked as a **Jr. Java Developer for 1.3 years** following Agile Scrum process using **Java, Spring, Hibernate, Eclipse, Junit, JavaScript, HTML, CSS** for developing University student portal.
- Worked as **Programmer Analyst for 2.3 years** with Cognizant Technology Solutions specializing in the Banking and e-commerce domains and exposed to all phases of Software Development Life Cycle.

## TECHNICAL SKILLS:

**Programming Languages:** Core Java, J2EE, JavaScript, Python

**Frameworks:** Spring, Hibernate, MVC

**Project Methodologies:** Agile Scrum, Waterfall

**IDE:** Eclipse, Visual Studio, Android Studio, Net Beans

**Web Development:** HTML5, JSP, CSS

**Test Frameworks:** Junit, Regression, Manual

**Version Control:** Git, SVN

**RDBMS:** MySQL, Sybase, Oracle, SQLite

**Tools:** MySQL workbench, Jenkins, JIRA, Sublime Text.

## EDUCATIONAL DETAILS:

**Master of Science in Computer Science**, University of Dayton, Dayton, Ohio **January 2016 - December 2017(3.87/4.00)**

**Bachelor of Engineering (Electronics and Communication)**, Osmania University, India **September 2009 - May 2013(8.5/10)**

## WORK EXPERIENCE:

**Junior Java Developer**, University of Dayton Research Institute

**March 2016 - December 2017**

*I was part of the universities development team which develops University portals like Isidore, Porches and websites for any intra college activities.*

- Worked on both front and back-end parts of web applications.
- Assisted in design and development of new web applications.
- Took care of immediate support issues providing a fast pace resolution.

**Programmer Analyst**, Cognizant Technology Solutions Pvt. Ltd., Chennai, India

**September 2013 - December 2015**

*I have joined Cognizant as fresher and I was given training in multiple technical skills like Java, C/C++, SQL and .Net and I was also certified in Banking and Financial services course.*

*Below is brief description of my work as Programmer Analyst at Cognizant:*

- Worked on a Java application development for a Banking Client.
- Exposed to all phases of software development lifecycle (designing, developing, testing and maintenance).
- Automated daily sanity check process of the project that reduced one-hour human work per day.
- Refactored 2 batch process with the factory design pattern to take advantage of code reuse and improve processing efficiency by 5%, also delivered release automation scripts by improving quality and reducing cost by 75%.
- Interfaced with business analysts, developers and technical support to determine the best requirement specifications.
- Recommended significant changes to established Java application process.
- Participated in weekly discussions and update meetings to measure progress and analyze deliverables.
- Conducted code review sessions using a combination of Cobertura, Checkstyle, (Ecl)Emma and Findbugs.
- Software and Tools used: Java Spring framework, SQL(Sybase), UNIX, Maven, Tortoise SVN, Eclipse, Toad for Sybase, JBoss, Jenkins, JIRA, XML, XSLT, JMS, ActiveMQ, Junit, Agile methodology.

## PROJECT DETAILS:

**K-Means in Spark**, University of Dayton

**November 2017**

*Implemented k-means algorithm in **Spark** using Machine Learning libraries. Written code in **Python** and tested with real-time dataset.*

**Catch the fruit (2D Game)**, University of Dayton n

**January 2017-March 2017**

*Developed a game using **Cocos2D** framework in **Python**. This is an arcade game with three levels where, I have developed my knowledge on Game development.*

**Clustering: EM Algorithm and K-Means in Map-Reduce, University of Dayton****October 2017**

*Coded and tested Clustering Algorithms (EM algorithm and K-means) in Map-Reduce. Verified the program with 4-dimensional data point. Clustering parameter i.e. centroid is saved in a distributed cache file and then loaded it into memory so that each map task can access the parameters.*

**Student Billing System, University of Dayton****January 2016-March 2016**

*Implemented a student billing system whose functionality is to maintain student information and generate student billing as per the student course data using **HTML5, CSS3, JavaScript, PHP, MySQL**.*

**LocationBasedOnIP (Android App), University of Dayton****May 2016-June 2016**

*Developed an Android app whose functionality is to output the location co-ordinates based on IP-Address by integrating the GeolP webservice in **Android studio**.*

**Hotel Management System, Cognizant Technology Solutions Pvt. Ltd.****January 2014-March 2014**

*Developed a Hotel Management portal with Model View Controller(MVC) architecture in **Java** using **Servlet's, Jsp's**. This project contains different portals like check-in, check-out, room status. **MySQL** database is used in the backend and connected using **JDBC**.*

**ACCOMPLISHMENTS:****Hack Harvard, Harvard University****October 2017**

***Edify Conn:** Developed a web application that makes online teaching easy for students with low financial background using **JavaScript, Bootstrap, HTML5, PHP, CSS3, Microsoft Cognitive API, Facebook login API***

**Big Red Hacks, Cornell University****September 2017**

***Alexa Banking System:** Developed a banking system that makes banking easy for people with disabilities using **AWS, Python, Capital One Nessie API**.*

**Student Secretary, Asian Student Association****June 2016- August 2017**

*Selected as student secretary for the body of Asian student association at the University of Dayton. This improved my leadership skills and organized student volunteer camps across Dayton to help create awareness about drug abuse.*