

Prajwal Halasahally KeshavaReddy

7825, McCallum Blvd, Apt. 215, Dallas TX-75252

+1 (214) 680-7743

prajwal19@gmail.com

<https://www.linkedin.com/in/prajwalhk>

<https://github.com/prajwalhkreddy>

EDUCATION

Master of Science in Computer Science

Aug 2014 - May 2016

The University Of Texas at Dallas, Richardson, Texas

GPA: 3.42

Coursework: Computer Algorithms; Database Design; Machine Learning; Big Data Management & Analytics; Video Analytics; Semantic Web; Statistical Methods for Data Sciences

Bachelor of Engineering in Computer Science

Aug 2008 - Jun 2012

Visvesvaraya Technological University, India

Aggregate: 72.6 %

Coursework: Algorithms and Data structures; RDBMS; Operating Systems; Object Oriented Programming

TECHNICAL SKILLS

Languages:	Java, SQL, JavaScript, Shell Scripting, PHP, C, C++, HTML5
Databases:	Oracle 11g, MySQL, MongoDB, neo4j, MS Access
Frameworks and APIs:	J2EE, Node.js, jQuery, Docker, Kubernetes, Openstack, Hadoop MapReduce, Hive, Pig Latin, OpenCV, Android, Apache Jena
IDE/Tools:	Eclipse, Visual Studio, Android Studio, Oracle Central Designer
Operating Systems:	Linux, Windows
Certifications:	M101J: MongoDB for Java Developers by MongoDB Inc.

WORK EXPERIENCE

Software Engineer Intern

Kodiak Networks, United States

Aug 2015-Present

- Evaluating and recommending various distributed application frameworks and middleware
- Developing proof of concept implementations of distributed frameworks using Docker, Kubernetes and OpenStack
- Developing virtualized environments and porting legacy applications to Docker containers

Programmer Analyst

Cognizant Technology Solutions, India

Dec 2012 - May 2014

- Full stack development of Electronic case record forms (eCRFs) with edit checks for patient data entry during clinical trials
- Designed and set up Clinical Extraction Databases (CED); Performed reporting and development using SQL
- Automated the CED creation process which would save 4 hours per database creation
- Developed Agile/Scrum methodology skills while working closely with the Clinical Data Managers

Project Intern

Cloudmunch, India

Jan 2012 - Jun 2012

- Developed an application to measure incremental code coverage of a Java program
- The tool is used to aid continuous integration and deployment of applications
- Technology Enablers: Java, Emma, Git, Junit

ACADEMIC PROJECTS

- **Android/Web Development** Summer 2015
Developed an android and web app for college career fairs to help students and recruiters streamline the interview process.
- **Naïve Bayes Text Classifier** Spring 2015
Built a text classifier for a dataset containing over 20000 text files using the Naïve Bayes approach. The overall efficiency of the approach was increased by performing stemming of words.
- **Neural Networks** Spring 2015
Implemented the Gradient Descent Algorithm by training a single layer perceptron to handle binary classification tasks using Java. Perceptron is trained and an accuracy of more than 70% is observed for all the test instances.
- **Amazon Product Recommendation System using neo4j** Spring 2015
Implemented a predictive algorithm to suggest items from different product categories based on user history and built a graph database for the recommendation system to derive statistics.
- **Big Data Analytics for IMDB Dataset** Spring 2015
Used Hadoop-Map Reduce to derive statistics from IMDB dataset by performing job chaining and setting up multiple node clusters.
- **Human Motion Classifier** Spring 2015
Developed an application using OpenCV to predict human actions such as running, jogging, walking.
- **Oil Transaction Management System** Fall 2014
Full stack development of a web application based on RDBMS and JDBC to provide a single point of access for the stakeholders to facilitate oil transactions for a company. Technology Enablers: Java, J2EE, MySQL, Twitter Bootstrap, JavaScript, jQuery
- **Analysis of Services in Veteran Hospitals** Fall 2014
Implemented a mash-up geo map by querying the LOGD website using SPARQL endpoint to analyze veteran hospitals. Technology Enablers: SPARQL queries, RDF data sets, Google Visualization API, Twitter Bootstrap, CSS and jQuery

AWARDS & LEADERSHIP EXPERIENCE

- Recognized with "The Rising Star" award by Cognizant Technology Solutions in Dec 2013 for quick and bug free delivery of complex trials
- 7 distinction awards in Undergraduate school for excellence in academic performance
- Fulfilled my duties as the Vice-President of CReST (Computer Research for Engineering Students)