Vadiraj Kulkarni

LinkedIn: https://www.linkedin.com/in/vadiraj-kulkarni/

iamvadiraj1995@gmail.com
+61450706997

CAREER SUMMARY

- Passionate about software engineering, proficient in Java, C++ and Python with a knowledge of agile practices.
- Strong knowledge in data structures, distributed systems and algorithms.
- Seeking Software Engineer positions.

EDUCATION

The University of Melbourne, Melbourne
Master of Science (Computer Science)
Feb 2018 - Nov 2019   Percentage : 64

B.M.S College of Engineering, Bangalore, India
Bachelor of Engineering (B.E), Information Science and Engineering
Jun 2013 - Jun 2017   CGPA : 7.9/10

TECHNICAL SKILLS

Languages : C++, C, Java, Javascript(ReactJS), Html, CSS and Python
Database : SQL
Cloud : Nectar

EXPERIENCE

Weyoume, Melbourne : Software Engineer Intern   Nov 18 - Mar 19
- Studied the code which was in C++, made modifications, added new features and deleted the ones that are not required for the platform.
- Implemented a new reward system on the platform.
- During the course of internship I worked on UI which was implemented in Reactjs where I learnt React on the fly and started adding a few features to the UI.

ACADEMIC PROJECTS

Research Project   July 2018 - Nov 2019
- Comparing the existing and developing Distributed storage file systems such as FileCoin, Storj and Sia.
- Executing the Source code and conducting tests on the Storage systems.
- Testing the behavior of nodes that contain an entire copy of blockchain.
- The nodes are executed on the university cloud platform called Nectar.

Automatic Fact Verification System   Mar 2019 - May 2019
- Implemented an indexing system(Inverted index).
- The ranking of the documents based on TF-IDF.
- Named entity recognition and AllenNLP were used to determine the closest match to the given query.
- Naive Bayes was used to classify if the statement supports the fact or not.
- The project is implemented in Python and based on machine learning.

Social Media Analytics   Mar 2018 - May 2018
- Conducted analysis on the real time twitter data using Twitter harvester.
- Sentiment Analysis was performed based on the tweets(text and emojis).
- Created views using mapreduce technique in CouchDB.
- The project was implemented in Python.

Multiserver System   Mar 2018 - April 2018
- Created a Multi-Server System with Java using Sockets.
- Clients could connect to the server.
- Server to server connection was based and required the secret to connect to the server.
- Fault tolerance was implemented on the basis of timeout.

EXTRA-CURRICULAR ACTIVITIES

- Attended Facebook Hackathon Melbourne(2019).
- Information Technology Officer - Melbourne University Blockchain Association
- Graduate of UCMAS Abacus and mental arithmetic course.
- Secured Consolation place in 7th All India ABACUS and Mental Arithmetic competition.
- Secured Consolation place in 1st State level ABACUS Mental and Arithmetic competition.
- Attended leadership training camp conducted by Volkart Foundation, Mumbai.