

VIPIN RAGASHETTI

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👤 Profile

Result oriented, customer focused software engineering professional with 3.7 years of experience in Software and System Engineering domain at Hewlett Packard Enterprise where I designed, developed new API's and deployment scripts in integration of various applications and storage systems. Currently pursuing master's degree in Data and Computational Science at University College Dublin (UCD). I am looking for fulltime opportunities in Software Engineering domain where I can showcase my expertise and enhance my skills to meet the Company's Objectives and customer satisfaction with full integrity and advance my career in the field of product engineering. I will be available to work full time from August 2020.

🧰 Work Experience

Senior Software Engineer

May 2018 – Jul 2019

Hewlett Packard Enterprise, Bangalore India

- Worked on the product called Recovery Manager Central (RMC), a backup and recovery software which is used to backup and restore applications like Virtual Machines, Databases, Mail Servers. This software is built on the Linux Distribution - CentOS 7.
- Skilled in Service Oriented Architecture and excellent ability to work in Test Driven Development and Agile development.
- Collaborated with the application teams in designing, implementation of new RMC services and enhancement of the product deployment scripts.

Software Engineer

Aug 2016 – Apr 2018

Hewlett Packard Enterprise, Bangalore India

- Integrated 3PAR and StoreVirtual storage arrays with RMC. Implemented new features in various RMC releases: RMC 4.1, RMC 5.0, RMC 5.1.
- Integrated Nimble Storage array with RMC. Designed and developed various REST endpoints. Completed all the features for this project within 2 months much before the deadline and won accolades from managers and directors.
- Worked closely with the Storeonce team in Bristol, United Kingdom for integrating RMC component in Gen4 Storeonce.
- Trained and mentored new joiners and interns explaining them about the product architecture and the coding standards. Took interviews for open positions in team.

Software Engineer Intern

Jan 2016 – Jul 2016

Hewlett Packard Enterprise, Bangalore India

- Investigated, designed and Implemented backing up of RDM 3PAR volumes with RMC Appliance. Made extensive use of VMWare APIs. My Implementation was picked up as one of the feature in upcoming release.
- Worked on the task tracker performance improvements in RMC.

Samarpana - Event Lead

Jan 2013 – Jun 2015

PES University, Bangalore India

- Worked as the Event Lead/Coordinator for 3 years at Samarpana, a non-profit organization which lends support to Martyr's families of Indian Armed Forces who are financial weak.
- My work was appreciated, recognized and honored in one of University events.

🧠 Skills

Programming Languages: Python, Java, R, C, Shell Script

Databases: PostgreSQL, MongoDB, MySQL

Technologies: LAMP stack, ELK stack, python machine learning libraries, Docker, Git, RabbitMQ, Tableau, AWS, MongoDB Atlas

Operating Systems: CentOS, Ubuntu, Debian, RedHat, Linux Mint, Windows, MacOS

Frameworks/Tools: Openstack, Django, Flask, Jenkins, Jira, Microsoft Office Suite, VMWare, MongoDB Compass

EDUCATION

University College Dublin
MSc. Data and Computational Science

Sep 2019 – Sep 2020
GPA: 1:1H (3.86/4.2)

Enrolled in modules like Data Programming in Python and R, Statistical Machine Learning, Deep Learning, Natural Language Processing, Predictive Analytics, Probability and Statistics, Mathematica for Research.

PES University
B.Tech in Computer Science

Aug 2012 – May 2016
GPA: 1:1H (9.07/10)

Took modules like Programming in Java, Python and C, Operating Systems, Programming in UNIX, RDBMS, Microprocessors, Data Structures, Docker.

Projects

RMC-X Migration

Designed and Implemented migration workflow for RMC and its applications: RMC-Oracle, RMC-Hana, RMC-SQL, RMC-Exchange, RMC-VMWare.

Closely worked with 5 application teams and carried out scrum meetings and daily standups.

RMC-Nimble Storage Integration

Designed and developed new RMC endpoints, features for integration of Nimble Storage Array with RMC.

Triaged and fixed number of customer cases post release.

Real-Time Sentiment Monitoring Tool using ELK Stack

Designed the workflow in monitoring the sentiment of the Twitter data related to COVID-19. This project involved the collection of data using the standard twitter api. The collected data is cleaned and sentiment of each tweet is calculated using the NLTK package.

The collected data is ingested into Elastic cluster using Logstash and visualized through Kibana. Due to rate limit induced by twitter free api's, designed the scheduler that automates the data gathering process.

Analysis of DeepSolar Database

Analyzed solar installation data collected from satellite images. Used supervised classification methods like Logistic Regression, Decision Trees, Random Forests, Boosting, Bagging and SVM to predict the solar system coverage of a tile given the collection of predictive features.

Applied various cross-validation algorithms and computed classifier performance measures to identify the best classifier. Fine-tuned the arguments of classifiers to maximize accuracy.

Recognitions and Achievements

- Secured 1:1H across all semesters during my Bachelors and Masters.
- My work as Event Coordinator at Samarpana was appreciated and honored by Vice Chancellor.
- Won accolades and recognitions from managers and directors for completing features and solving critical issues in quick time.
- Enrolled and completed few projects and certifications in MongoDB, Machine Learning, R, Python during my free time.

Interests/Hobbies

- Football
- Cricket
- Travelling
- Cooking

Reference

To be provided upon request.