Samarth Deyagond

Software Engineer I @ HPE | Member of Google Dev Community | YouTuber | Instructor on Udemy

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Work Experience

Software Engineer I (HPE Composable Fabric)
Hewlett Packard Enterprise R&D
Jan, 2020 – *Present*

- Currently involved in the development of HPE Composable Fabric Manager that enables Software Defined Networking over HPE Composable Fabric switches.

Software Engineer I (Reference Architecture)
Hewlett Packard Enterprise R&D
July, 2018 – Dec, 2019

- Developed Reference Architecture & E2E Solution for VMware Cloud Foundation on HPE Synergy.

- Developed Solution API to host and manage various workloads on private cloud.

- Developed Open Service Broker API layer for Red Hat OpenShift to integrate with HPE OneSphere, a hybrid cloud management platform.

- Developed a full stack management console to manage multiple VMware Horizon Connection Server (as an alternative software for VMware VRA)

R&D Intern
Hewlett Packard Enterprise R&D
Jan, 2018 – July, 2018
- Proposed a new concept SMART DATA CENTER.
- Migrated the build process to internal cloud.
- Developed a full stack web based dashboard to fetch & display the live status and summary of servers in the Data Center.
- Worked on Unified Test Framework (UTF) during the release of HPE iLO 2.0 Cmdlets.
- Worked on Continuous Integration using Jenkins.
- Developed a registration & verification portal for HPE Codewars 2018 event.

Research Intern
Indian Institute of Technology, Ropar
May, 2016 – July, 2016
- Worked on 'Crowdsourced Knowledge Building' and proposed a qualitative theory of how knowledge grows in Wikipedia.

Private Projects
- J.A.R.V.I.S. - An intelligent virtual assistant.
- Prism - Software Tool for Campus Recruitment
- Emotion detection from facial expressions.
- Sentiment Analysis & Text Message Author Predictor.
- Market Basket Analysis using Apriori algorithm.
- Video Context prediction using Neural Networks

Education

Bachelor of Engineering, CS&E
Sri Jayachamarajendra College of Engineering, Mysuru.
08/2014 – 05/2018   9.34 / 10 CGPA

Pre University Course
Karnatak Science College, Dharwad.
06/2012 – 03/2014   96.0%

Matriculation
Pavan English Medium High School, Dharwad.
06/2003 – 05/2012   98.72%

Skills

Python, C, PowerShell	Algorithms & Data Structures
HTML5, CSS3, Bootstrap	JavaScript, Python-Flask
MySQL, MongoDB	Basics of ML and DL
Natural Language Processing	REST API Framework
Containers	Version Control with Git
Virtualization	Software Defined Networks

Intellectual Properties
Filed 3 Inventions Disclosures at HPE.
- Smart Data Center
- Programmable Reference Architecture
- Accelerated VMaaS using Machine Learning

Achievements
- Member of Google Assistant Developer Community.
- 3rd Best Technical Presentation at the HPE Intern Project Fair.
- Fellow of Indian Academy of Science, Bangalore.
- 'Special Student' at UG Summer School'17 IISc, Bangalore.
- 1st Prize in Webmania, an event held by IEEE-SJCE

Other interests
- Championing HPE University Relationships team.
- Content creator at YouTube channel Axiom- https://bit.ly/2uVRHv1
- Blogger on LinkedIn Pulse and Medium Digest.