Riya

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Experience

RedHat *Bangalore*

SOFTWARE ENGINEER *Oct 2021 - Present*
- Working on writing Flask APIs
- Link to contributions: **here**

ASSOCIATE SOFTWARE ENGINEER *Apr 2020 - Sept 2021*
- Working on transforming the whole infrastructure of pbench from shell script to python.
- Building Command line Interface for pbench using click
- Worked on building a server

SOFTWARE ENGINEERING INTERN *Jul 2019 - Apr 2020*
- Worked on **Pbench** (A benchmarking and performance analysis framework)
- Transformed the logging system from client side to server side using **rsyslog**
- Merged Configtools (A Distributed-system-analysis Project) into Pbench
- Enhanced functionality of Indexing script to feed data into ElasticSearch
- Enhanced the functionality of Pbench, fixed bugs and improved code

Projects

Virtual Assistant *Minor*

A LINUX BASED VIRTUAL ASSISTANT USING ARTIFICIAL INTELLIGENCE IN C ON LINUX OS. **PROJECT LINK**
- Developed Simplified version of "Multinomial Naive Bayes" algorithm for text recognition.

Face Recognition *Major*

PROJECT LINK
- face Recognition, detects the face of a person using Convolutional Neural network and OpenCV.

Honors & Awards

2021	**TALKS**, Gave multiple talks on National and International Level		*Red Hat*
2021	**Perf and Scale Team**, Earned Reward points for Focus on team and being a quick learner.		*Red Hat*
2021	**MENTORSHIP**, Mentored new joinees and helped them with Pbench or other projects.		*Red Hat*
2021	**POC**, Worked, Handled and demonstrated pbench integration with Satellite project.		*Red Hat*
2021	**PerfConf**, Part of Performance and Scale Conference Organizing Committee.		*Red Hat*
2017	**PROJECT EXPO**, Secured 1st Position for Best Minor Project in University among 200 projects.		*UPES*
2018	**Awarded**, Grade O (Exceptional Achievement) in Minor 1, Minor 2 and Major 1 projects at SoCS.		*UPES*

Open Source

2019	**Nuitka**, Contributed to **Nuitka** - a project of Python Software Foundation	*Github*

Skills

Programming	*Proficient:* Python, Shell Script	*Prior Experience:* C, C++, Java	*Web:* HTML, CSS, PHP, XML
Others	Linux, LaTeX, Git		

Research Work

Linux Based Virtual Assistant in C

INTERNATIONAL JOURNAL OF ADVANCE RESEARCH, IDEAS AND INNOVATIONS IN TECHNOLOGY *Volume-6, Issue-1*

Education

UPES (University of Petroleum and Energy Studies) *Dehradun, India*

B.TECH IN COMPUTER SCIENCE ENGINEERING WITH SPECIALIZATION IN OPEN SOURCE AND OPEN STANDARDS *2015 - 2019*