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Prannesh S

HPC Systems/Cloud Engineer

Portfolio: prannesh.com
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Twitter: Prannesh

Skills

Programming Languages	Python, C/C++, ShellScript, Java, Go
Scheduling Stack	PBS Pro
Cloud Services	Microsoft Azure, OCI (Oracle Cloud Infrastructure)
DevOps Tools	Terraform, Docker, ELK, Git, GitLab and GitHub
Project Management	ServiceNow, JIRA, Confluence
Others	Power BI, SQL, Flutter, HTML, CSS, Linux, RHEL

Technical Experience

HPC Systems Engineer **04 2021 — Present**
Altair Engineering *Bangalore, India*

- **Technologies Used** – Python, HTML, Shell Scripting, Linux Environment, RHEL, Microsoft Azure, OCI, PBSPro, Docker
- **Objective** – Collaborated with Global Technical team of Altair Unlimited and take lead to work independently in Development, Automation and Operation Process for a reliable infrastructure
- Managed/Managing **250+** instances in **US, EMEA and APAC** regions with Minimal to Zero Downtime
- **APAC** internal Instance management with N-nodes
- Offered friendly, analytical and efficient service to customers, handled challenging situations with ease.
- Participated in continuous deployment and Management by generating creative suggestions, engaging in problem-solving activities to support teamwork.

Software Trainee **07 2020 — 03 2021**
Altair Engineering *Pune, India*

- **Technologies Used** – Python, HTML, Shell Scripting, Linux Environment, PBSPro
- Co-worked with India Technical team with HPC Bare-Metal cluster
- Investigated technical challenges to identify root cause and provide expedient resolutions.
- Coordinated Build integrations tasks with multiple teams.
- Documented technical workflows and analytical knowledge in private wiki for education of newly hired employees.

Freelancing Stack - Flutter, Firebase, Python, Azure, SpringBoot, Java

- Active in Startups and Twitter, Technically guided a startup to build their Tech stack and heavily worked on a fin-tech startup to build their Private-Beta mobile application using Flutter and participated in a private-beta startup based on Creator economy

Projects

Process Automation
Altair Engineering

- **Technologies Used** – Python, Shell Script, JSON, GitLab, ITSM, CI
- **Objective** – Create a Continuous Integration Framework to Automate Repeatedly Occurring tasks which is handled by Operations team inorder for more accuracy and quicker resolution.

Travelling Salesman Problem using Evolutionary Algorithm
Amrita University

- **Technologies Used** – Python, Shell Script, BigData, ML
- **Objective** – Create and Design a Frameowrk which can reduce the travelling distance generated by GPS when a Sale is been ordered at multiple location within a specific range

Education

Bachelor of Technology in Computer Science, *Amrita University* 2016 — 2020
Public Relation Leader
Courses *- Virtualization, Networking, Operating Systems, Database systems, Design and analysis of algorithms, Data Science*
High School Graduate in Computer Science, *S.L.V.M* 2014 — 2016

Activities

Mentoring and Guiding Students/Colleagues in Twitter 2021 — Present
Technical Writing and active in **Community Building** Fall 2021 — Present
Worked in Multiple Startups from **Guiding** Team to **Building** an application Fall 2020 — Present