

Jayakrishna Sahit

DevOps Engineer | Open Source Enthusiast | NLP Specialist

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Education

IIT, Gandhinagar (Indian Institute of Technology)	Gandhinagar, Gujarat
Bachelors of Technology in Computer Science and Engineering	
Cumulative grade point average - 3.19/4	current (2016)
Sri Narayana Chaintanya Jr College	Hyderabad, Telangana
Intermediate	2014
Scored 96.5% in boards	

Experience

British Broadcasting Organisation (BBC)	Delhi, India
<i>Developer and Data Journalist</i>	Summer, 2018
<ul style="list-style-type: none">Developed interactive content and dashboards for BBC, such as webpages, applicationsWorked in the on Data Analytics, in understanding Fake News and wrote machine learning models to help understand how Fake News can be tackled using it.	
Open Source (Github)	Remote
<i>Kubernetes</i>	current
<ul style="list-style-type: none">Currently helping kubernetes in their API and CMD development.Part of the 1.13 release team	
Microsoft Athens	Remote
<ul style="list-style-type: none">Helped Contributing to docs of the Microsoft Athens project	

Selected Projects

Eyes

Networking Go Package

- Developed a Package in go, which helps in performing IP/Domain information gathering
- Written entirely on native Go packages

Markup

A Text Editor in Python

- Developed a text Editor in Python using Tkinter/Qt for the UI.
- This text editor additionally supports fact checking, and Database integration. Helpful for writing data driven articles

pyOS

python package for OS simulations

- Developing a python packages which will help architects simulate OS operations, using python
- The package will be able to simulate, process allocation, memory management, caching, context switching.

Chatbot for Farmers

- Developing an Automated response systems for farmers enquiring about crop, weather and other miscellaneous information.
- Written using Python and NLTK

Flock-Slack Apps

- Developed Slack and Flock Apps using their APIs using Node.JS.
- This has been implemented in helping freshers welcoming workspace for this year

Website Development

Led multiple website development teams

- Amalthea - Annual Tech Summit of IIT Gandhinagar
- Writing Studio Initiative - IIT Gandhinagar
- PyData Gandhinagar - The official PyData Chapter of Gandhinagar

Technical Skills

Programming Languages - Go, Python, JavaScript, C/C++, Rust, Matlab, Verily

Web - HTML5, CSS, Bootstrap, Jekyll

Utilities - Git, Linux-shell, VS Code, Jupyter Notebook, Travis CI, Docker, Kubernetes

Operating Systems - Mac OS, Linux, Windows

Extracurricular Activities

- Senior member at Metis - Coding Club of IIT Gandhinagar
- Core Member of PyData Gandhinagar
- Founder of CSD labs
- Active member of Sargam - music club of IIT Gandhinagar

Achievements

- NTSE scholar 2012
- JEE Advanced Rank - 1508