Jayakrishna Sahit

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sahitpj.github.io

**FullStack Developer in , Python, Go, JavaScript ||
Big Data Analyst || FOSS Contributor ||**

github.com/sahitpj

Education

2016	Indian Institute of Technology, Gandhinagar	7.93 (CGPA)	B.Tech - Computer Science
2014	Sri Chaitanya Narayana Jr College.	96.5%	Class XII

Internships and Work Experience

- **Developer and Data Scientist @British Broadcasting Corporation (BBC) - Summer 2018**
    - Collecting, Cleaning and Analysing Data for research and content creation
    - Development of new softwares , maintaining and optimisations of the existing ones for the company.
    - Worked on the issue of Fake News and developed machine learning models to tackle them
- **Open Source @Github : current**
    - **Kuberenetes**
        - Working on enhancing Kubernetes API and CLI
        - Actively participating in bug identification and patching
    - **Microsoft - Athens**
        - Contributed to Documentation development

Projects

- **Markup - End to End Text Editor**
    - An end to end Open Source TextEditor built entirely on Python, with Tkinter for it's frontend.
    - Provides Additional Fact-checking features - built for journalists to prevent FakeNews.
- **pyOS - OS simulations library**
    - A python library which helps in understanding Operating Systems processes such as process execution on CPU, Memory caching, paging, context switching.
- **Eyes - Golang Networking Package**
    - Building a package for Go, which is allows IP/Domain information extraction.
    - Built entirely using native Go packages.
- **Chatbot for Farmers**
    - Developed automated chatbot for farmers in order to help them with agriculture related queries.
    - Developed using Python and NLTK library
- **Website Development**
    - Worked on Multiple websites using Django, HTML, CSS, JavaScript., Jekyll. Led 3 teams -
        - Amalthea IITGN Annual Tech Summit website - http://amalthea.iitgn.ac.in/
        - Web Application for Parcel notification - https://github.com/sahitpj/courier-service
        - PyData Gandhinagar - https://pydatagn.github.io
- **Miscellaneous Projects**
    - Chrome Extension development
    - Flock-Slack Apps - Chatbot

Technical Skills

Programming Languages - Python 2.7/3, C/C++, Java, JavaScript, Go, Rust, BASH scripting, Octave
Web - HTML5, CSS, Bootstrap
Utilities - Docker, Heroku, Git, Sublime Text, Jupyter Notebook, Jekyll, VS Code, Github, Travis CI, Markdown,
Operating Systems - Mac, Linux, Windows

Extracurricular Activties

- Senior member of Metis - Coding Club , current
- Core Member of PyData Gandhinagar , current
- Active member in Sargam -music club of IIT Gandhinagar , current
- Amalthea Sponsorship Coordinator 2016
- Blithchron Event Coordinator 2017

Achievements

- NTSE Scholar - 2012 and Stood among the top 100 in the country
- Rank 400 in AI in HackerRank and 6000 in Algorithms, received badges for excellency for the same.