

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 2014	Indian Institute of Technology, Gandhinagar Sri Chaitanya Narayana Jr College.	7.93 (CGPA) 96.5%	B.Tech - Computer Science Class XII
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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**
 - **Kubernetes**
 - Actively participating in bug identification and patching
 - **Microsoft - Athens**
 - Contributed to Documentation development
 - **NLTK - PSF**
 - Enhancing NLTK functions and APIs

Projects

- **Async - Shell built using Rust**
 - A shell built entirely using Rust. Supports normal shell functions
 - Additional developer functions added for easy development and deployment of projects in go/python
- **Eyes - Golang Networking Package**
 - Building a package for Go, which allows IP/Domain information extraction.
- **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.
- **Chatbot for Farmers**
 - Automated chatbot for farmers in order to help them with agriculture related queries. Built on Python
- **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 Activities

- 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.