

# Jayakrishna Sahit

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sahitpj.github.io

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

github.com/sahitpj

## Education

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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

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- **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
    - Member of Release 1.13 core team
  - **Microsoft - Athens**
    - Contributed to Documentation development
  - **NLTK - PythonSoftwareFoundation**
    - Enhancing NLTK functions and APIs

## Projects

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- **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 its 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**
  - Amalthea IITGN Annual Tech Summit website
  - Parcel Notification System Web Application
  - PyData Gandhinagar
- **Miscellaneous Projects**
  - Flock-Slack Apps Development in Node.JS and Python
  - Chrome Extension development.

## Technical Skills

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**Programming Languages** - Python 2.7/3, Go, Rust, C/C++, Java, JavaScript, BASH scripting, Octave

**Web** - HTML5, CSS, Bootstrap, Node, JQuery

**Utilities** - Docker, Heroku, Git, Github, Jupyter Notebook, Jekyll, VS Code, Github, Travis CI, Markdown,

**Operating Systems** - Mac, Linux

## Extracurricular Activities

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- 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

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- 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.