

# Jayakrishna Sahit

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sahitpj.github.io

Software Developer ||  
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 analyzing data for research and content creation
  - Development of new softwares , maintaining and optimizations 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/Gitlab : current**
  - **Kubernetes** - [link](#)
    - Actively participating in bug identification and patching
    - Member of Release 1.13 team
  - **Microsoft - Athens** - [link](#)
    - Contributed to Documentation development
  - **NLTK - PythonSoftwareFoundation** - [link](#)
    - Enhancing NLTK functions and APIs
  - **Redox OS** - [link](#)
    - Working on bug fixes and porting to virtual machine
  - **PyData Gandhinagar** - Core Developer - Official pydata chapter of Gandhinagar - [link](#)
  - **Metis** - Core Developer - software development organization of IIT Gandhinagar - [link](#)
  - **Agribot** - Core Developer - Automated chatbot for Farmer queries - [link](#)

## Projects

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- **Async - Shell, built using Rust (Open-Source)** [link](#)
  - A shell built entirely using Rust. Supports normal shell functions and additional dev tools.
- **Eyes - Golang Networking Package (Open-Source)** [link](#)
  - Building a package for Go, which is allows IP/Domain information extraction.
- **Markup - End to End Text Editor (Open-Source)** [link](#)
  - An end to end Open Source TextEditor built entirely on Python, with Tkinter for the frontend.
  - Provides Additional Fact-checking features - built for journalists to prevent FakeNews.
- **Website Development**
  - Amalthea - The tech-summit of IIT Gandhinagar
  - Writing Studio initiative IIT Gandhinagar
- **Miscellaneous Projects**
  - Flock-Slack Apps Development in Node.JS and Python [link](#)
  - 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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- 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.