Jayakrishna Sahit
Software Developer || Data Journalist and Analyst

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Internships and Work Experience

- **British Broadcasting Corporation (BBC)**
  Lead Developer and Data Analyst

  May 2018 - present

  - Worked closely on BBC Fake News Project, involved pitching- in and developing ideas on products to counter Fake News
  - Provided Insights on Facebook data, Prime Minister Speeches, WhatsApp related fake news deaths
  - Worked on Pakistan Elections 2018
  - Finalist of BBC #newsHack Hackathon November 2018
  - Part of Add and Marketing Intelligence team

- **Mainspace Organization**
  Founder

  August 2018 - present

  - developed **cranberry** - a News-net OpenSource API
  - curated and released WhatsApp-related-deaths **Dataset** under the GNU GPL2
  - developed crosscheck and Markup - applications with advanced NLP tools, for countering fakes articles
  - working towards providing insights on various social topics

- **Open Source Contributions**

  2018 - present

  Redox-OS
   Worked on Relibc - implementing C functions in pure rust

  Kubernetes
   Working as a part of the release team 1.13

  NLTK-python
   Added smoothing algorithms and enhanced existing algorithms

Education

Indian Institute of Technology, Gandhinagar
B.Tech - Computer Science and Engineering
7.73 (CGPA)

Sri Chaitanya Narayana Jr College.
Intermediate education
96.5%

Projects

- **Agribot - Agriculture Query System**
  - Developed a chatbot to automate farmer queries related to agricultural issues
  - Can handle queries from all states in English and Hindi

- **Eyes - Go Package**
  - Go package for IP/domain information extraction and information security

- **Sandcastle**
  - contains self implementations of generative natural language algorithms
  - clustering and modelling algorithms

- **Courier Portal**
  - developed a courier system for our college, for handling posts, packages.

Publications/Research Articles

- Naman jain Pranjali Jain Pratik Kayal Jayakrishna Sahit Soham Pachpande Mayank Singh Jayesh Choudhuri "Agribot: Agriculture-Specific Question Answer System" International Conference of STEM, VG 2019
- Won 3rd Best paper award in the following conference.

Technical Skills

Languages - Python, Go, Rust, C/C++, JavaScript

Web - HTML5, CSS, JQuery, Bootstrap, Node

Utilities - Git, CI/CD, Jupyter, BASH, Heroku, Docker

Operating Systems - Linux, MacOS

Achievements

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

Extracurricular/Positions of Responsibility

- Senior member of college coding club
- College annual tech summit Website Core Developer
  May 2017 - November 2017
- College annual tech summit sponsorship coordinator
  August 2016 - October 2016
- College annual cultural Festival Event organizer
  August 2016 - February 2017
- Member of college music club