

PARTH PARADKAR

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[GitHub](#) | [LinkedIn](#) | [Blog](#)

EDUCATION

Indian Institute of Technology, Kharagpur
Bachelor of Technology, Electrical Engineering

Kharagpur, India
Expected 2022

WORK EXPERIENCE

Cisco

Technical Undergraduate Intern

Remote

May 2021 - July 2021

- Developed a Python tool to fetch the configuration of Cisco routers using the NETCONF protocol.
- Enhanced a manageability dashboard using data from MongoDB and MySQL through a Django backend API.

Terra Economics and Analytics Lab

Data Engineering Intern

Remote

June 2020 - August 2020

- Built data pipelines to track and extract publicly available land and property data using Python scripts, PostgreSQL and RabbitMQ.
- Developed a data monitoring web application using ReactJS to enable the data management team to view metadata of datasets.

Indian School of Business

Research Intern

Hyderabad, India

December 2019 - January 2020

- Worked with research assistants and professors at the Srinivas Center for IT and Networked Economy to collect and analyse web data.
- Used Google Earth Engine to collect geospatial data for various regions in India. Visualized and analysed the collected data using the Pandas and matplotlib libraries in Python.

PROJECTS

GrameenSetu

Inter IIT Tech Meet 2021

March 2021

- Built the backend of GrameenSetu, an e-commerce marketplace to connect SMEs and self help groups functioning in rural India.
- Developed as a part of IIT Kharagpur's gold-winning submission in the 'Drishtee's Tech-led Innovation for Rural Entrepreneurs' event.

LTTKGP

Open Source project

April 2020 - Present

- Co-developed and designed LTTKGP, a web app that acts as a music player to the college music sharing Facebook group 'Listen to This KGP!'.
- Built the REST API for the application using Flask to serve data from a PostgreSQL database.
- Developed and published metadata-extractor, a Python package to extract the metadata of a song from Spotify using its YouTube URL.

TECHNICAL SKILLS

Programming Languages Technologies	C/C++, Python, Javascript, HTML/CSS, MATLAB, AVR Assembly Git/GitHub, Flask, ReactJS, AWS, Linux, PostgreSQL, MongoDB
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POSITION OF RESPONSIBILITY

Kharagpur Open Source Society

March 2020 - June 2021

Executive Head

- Conducted Kharagpur Winter of Code (KWOC), a program for college students aimed at familiarizing them with contributing to open source projects. KWOC 2020 saw the participation of more than 2000 students from across the world.
- Organized hands-on workshops on Python, Git, Shell Scripting, Linux for college students.
- Managed recruitment of new members, internal knowledge sharing talks, social media activity.

EXTRA-CURRICULAR ACTIVITIES

- Member of Technology Literary Society. Involved in the activities such as writing poetry and prose, performing in poetry events and discussing literature.
- Mentored a group of four first year students in academics and extra-curriculars as a part of the Student Welfare Group's mentorship program.
- Taught Python to first year undergraduate students at a week-long workshop conducted for charity by Street Cause MREC.