

Manish Kumar Barnwal

Email • Website • GitHub • LinkedIn • Twitter • Blogs

Education

Sister Nivedita University

2020 - Present | Kolkata, India

B.TECH IN COMPUTER SCIENCE & BUSINESS SYSTEMS | 9.63/10

Udacity

Feb 2020 – Apr 2020 | Online

NANODEGREE IN AI WITH PYTHON

Here I learned Python, NumPy, pandas, Matplotlib, PyTorch, Calculus, and Linear Algebra—the foundations for building your own neural network.

Skills

Programming

Python • C/C++ • JavaScript • HTML • CSS • Bootstrap • familiar with SQL, PHP

Software Tools

Git • GitHub • VS Code • Unity • Heroku • Netlify • WordPress • Postman • Confluence • Jira • familiar with GCP, Azure, AWS

Technical Skills

Web Development • Machine Learning • AR/VR Development • Technical Writing • Markdown

Non-Technical Skills

Leadership • Team-building • Social Media Marketing • SEO

Operating Systems

Linux • Windows • MacOS

Certification

Postman

Postman Student Expert

freeCodeCamp

Responsive Web Design

Google Cloud

Building Conversational Experiences with Dialogflow, Google Workspace Administration, From Data to Insights with Google Cloud Platform

DeepLearning.AI

AI For Everyone

Google Digital Unlocked

Fundamentals of Digital Marketing

Work & Volunteer Experience

GitHub | GITHUB CAMPUS EXPERT

Oct 2021 - Present | Kolkata, India | Remote

- Build a strong technical community on our campuses. This is achieved by running events, hackathons, meetings, workshops, study groups, or other events where the students can improve their technical skills.

The Linux Foundation | LFX MENTEE, OPENDAYLIGHT

Jun 2021 - Aug 2021 | San Fransico, USA | Remote

- Migrated old wiki to new wiki on confluence for the project homepage.
- Automated release plans of all the projects in the organisation using Jira.
- Created dashboard and Kanban board for the overall release milestones.

Google | GOOGLE CLOUD READY FACILITATOR

Mar 2021 - Jun 2021 | Kolkata, India | Remote

- Helped 500+ students understanding Google Cloud Eng. concepts like VM instances, SSH, G-Assistant Voice Application as Facilitator.

Microsoft | LEARN STUDENT AMBASSADOR

Jan 2021 - Present | Kolkata, India | Remote

- Organized workshops of ML, C++, OpenSource, WordPress, GH Pages for the Community to help fellow students & create a robust tech circle.

The Uplift Project | PROJECT LEAD

July 2020 - Sep 2021 | Nagpur, India | Remote

- A global remote initiative by GirlScript Foundation during Covid-19 in 2020. Impacted 1700+ participants across the globe. In 2021 (2nd Edition) we were able to have 2100+ participants.
- Also this year (2021) we are Managed and organized a 36 Hours Virtual Hackathon (Hack-O-Uplift) with 1000+ hackers and a wonderful team of mine!
- Managed to raise \$2k+ funding for the event and Hackathon.

Projects

CovidOff - A Covid Leads Helpline Portal MAR 2021 - MAY 2021

Built a full stack responsive website to help with emergency Covid Leads, resources. Used Streamlit, gspread dataframe, oauth2client along with Google Sheets and Google Drive API to build a Python Web Application for the real time database and integrated directly in the Website for better experience. Served data to 2 nearby hospitals to help the cause. [GitHub](#)

Qwiklabs Progress Tracker for GCRF Program APR 2021 - JUN 2021

A Streamlit based Python Web Application to generate real time Qwiklabs progress along with Quest, SkillBadge statistics and milestone based Auto-Badge Generator for the Participants enrolled. Which is used by over 1000 participants enrolled in Google Cloud Ready Program.

Twitter Bot with Machine Learning JUN 2020 - JUL 2020

Search, like, follow, and retweet based on hashtag or keyword. Can do for multiple keywords, or hashtags. It can be used for automation and marketing. [GitHub](#)

Flower Image Classifier APR 2020 - MAY 2020

Implementation of training and prediction in Jupyter notebook Porting the code from Jupyter notebook to 2 separate scripts: to train a network model and to classify an image based on an existing trained network model.