SOUMYA SHARMA

Computer Science Undergraduate

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EXPERIENCE

Engage 2020 Program
Microsoft

📅 Jun 2020 – July 2020   📍 remote

- A virtual mentorship program by Microsoft wherein selected students were paired with a mentor to help them with project, assignments and career guidance.
- In a team of 2, developed a web app named 'Mangalyaan' that helps a mars rover to find the shortest path between two points while avoiding obstacles on the way.
- Algorithms used A*, Greedy Best-First Search, Dijkstra and Breadth-First Search
- The program included sessions on AI, Ask Me Anything for projects, webinars on latest tech. trends, Mentor Connects and Microsoft Leaders addresses on Life @ Microsoft.

Open-Source Contributor
The Wikimedia Foundation

📅 Dec 2019 – March 2020   📍 remote

- Voluntary contributed to various open-source projects under The Wikimedia Foundation with 11 merged PRs.
- Tech stack used Bootstrap, Javascript and Django.

EDUCATION

Bachelor of Technology (CSE)
Indira Gandhi Delhi Technical University for Women

📅 August 2018 – May 2022 (Expected)

AISSCE (PCM + Computer Science)
Greenway Modern School

📅 April 2015 – March 2017

COMMUNITY INVOLVEMENT

Core Team member
ACM Chapter of IGDTUW

📅 Feb 2020 – present

- Organized ADVAYA 2020, the online technical week of ACM-IGDTUW opened for all university students.
- Mentored 50+ university students through one of the events of ADVAYA 2020, The Open Source Challenge
- Responsibilities include organizing sessions, technical workshops, recruitment drives and designing posters.

HONORS & AWARDS

- Got selected for Microsoft Mentorship Program. The selection criteria included coding test, academic performance and resume shortlisting.

PROJECTS

Django Discussion Blog

- Developed a Blog app. Users can create and view blog posts.
- Features include, authenticated users can create, update and delete their posts.
- Users can change their profile picture and update username and email id. Users can also request password reset option.
- Uses Amazon S3 buckets for storing static files. Hosted on Heroku.

Beach Resort Web App

- Developed a Beach resort website using React.js that list various rooms and their features using static data file.
- Features include filter rooms based on parameters like, room type, no. of guests, room price, room size, breakfast included and pets allowed.
- Hosted on Netlify.

To-Do App

- To-Do App has all the C.R.U.D functionality.
- Tech stack used DRF and React.js

SKILLS

- Programming: C++, Javascript, Python.
- Frontend: HTML, CSS, Bootstrap, React (beginner)
- Backend: Django
- Database: MySQL
- Version Control: Git
- Operating System: Linux