Surya Sekhar Datta

Junior Year Computer Science & Engineering Student

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EDUCATION

Bachelors in Technology
Institute of Engineering and Management
08/2019 - Present
- Second Year GPA: 9.69

All India Secondary School Certificate Examination (AISSCE)
South Point High School
03/2004 - 05/2019
- Computer Science: 95%
- Final Aggregate: 90.4%

WORK EXPERIENCE

SDE Intern
IEMA Research and Development
03/2021 - Present
- Assisted the Hardware team of 3 people, which collaborated with an MNC on a Drone Project.
- Worked with a team of 6 on Backend Development with Django framework of a website that uses GPT-2 and GPT-Neo Text generation model to generate blogs as per given user inputs.
- Brought down Project dependencies which helped in a 13% cost reduction on the GCP Cost.

Co-Founder & COO
Tech2Stop.com
05/2020 - Present
- Supervised a team of 9 Interns and ensured Content Delivery.
- In-Charge of SEO for the website, leading to 21% more average traffic per month.
- Managed multiple Backend and AMP issues in WordPress, and implemented better security for the website.

LEADERSHIP POSITIONS

30 Days of Google Cloud Campus Facilitator
Mentored 300+ participants to complete their challenges in Google Cloud, and organized various sessions.

Management Team Lead - Google Developers Student Club
Supervised the functions of the 6 Core Teams

Secretary - ACM IEM Student Chapter
Managed mainly the Technical Team, and several other teams.

Microsoft Learn Student Ambassador - Alpha
MLSA is a global group of campus leaders who are eager to help student communities to develop technical skills for the future.

SKILLS

Django Bootstrap Flask Nginx OpenCV
Wordpress SEO MySQL Firebase
Arduino Google Cloud Platform (GCP) Scripting
Selenium Postman

PERSONAL PROJECTS

Anti-Cheating Proctoring System (Python)
- Evaluates 5 major parameters such as Eye Movement, Time Delay between Questions being Asked and Answered, Face Recognition, Multiple Face Detection & Speech Recognition.
- Determined whether or not the Examinee is resorting to unfair means during an online exam with an accuracy of 89%.

Quad-Copter Drone (IoT/Hardware + ML)
- Built a Sanitation Drone to be used during the COVID-19 Pandemic.
- Identifies how many people are wearing masks using a face recognition model.

QR Inventory Management App (Python + Firebase)
- Built a drone equipped with a camera that will scan QR Codes present on items, and will add them to a Database.
- Developed using Python-OpenCV, with Firebase as the Storage.

Encrypted Chat App (Python + React.js)
- Centralized Chat-App based on Sockets. with 2-step Encryption of the Message (AES+RSA)
- Supports Add-On Bots such as Weather Bots and News Bots using various such APIs.

CERTIFICATIONS

Postman Student Expert (11/2021 - Present)
Exhibited ability to Build and Use RESTful APIs, and basic scripting in Postman using JS.

PROGRAMMING LANGUAGES

Language	Proficiency
Python	●●●●●
C	●●●○○
C++	●●●●○
JavaScript	●●●○○
HTML/CSS	●●●●○

INTERESTS

Graphic Designing Video Games Robotics