Omkar Masur

+919930147279 omkar.masur@gmail.com https://linkedin.com/in/omkar-masur/

CAREER OBJECTIVE

Student who is strong in design and integration with intuitive problem-solving skills. Passionate about implementing and launching new projects in the field of **Artificial Intelligence, Machine Learning and Data Science**

PROJECTS

MaskIT – **Remote Monitoring Platform for Covid-19** ([GitHub Repository](#))
May 2020 – July 2020
- Developed a **Computer Vision-based platform for Remote Monitoring** of people for Manipal Covid Challenge organized by MAHE.
- The model would identify human faces and **detect whether the person has worn a mask or not**.
- A website where staff members of a particular organization could login and **monitor the feed of an IP Camera**.

HexPay – **Manipal Hackathon 2020** ([Project Video](#)) (The rules of the competition stated to make the repository private)
November 2020
- Developed an app to **reduce frauds in UPI apps such as Paytm and Google Pay** where in a shopkeeper gets deceived by being shown a **fake screen of a successful payment**. **The project was awarded the third place in the hackathon.**
- **Technologies Used**: Flutter for the mobile application, Django Web Framework for backend

Home Automation Platform ([GitHub Repository](#))
December 2019
- **IoT-based** project where user can register his **Bolt-IoT Wi-Fi module**, post which then he can control multiple devices connected to the module.
- Platform tells the user the **status of the device**, for example for the LED bulb, whether it is On or Off.

AWARDS/HONORS RECEIVED

Certificate of Appreciation ([Link](#))
Secured third position in Manipal Hackathon 2020, a national level Hackathon organized by MAHE.

Certificate of Appreciation ([Link](#))
Secured GPA > 9.5 in Second Semester.

EDUCATION

MANIPAL INSTITUTE OF TECHNOLOGY
Manipal, Karnataka
BTech Computer Science and Engineering (Expected graduation Jul 2022)
- **GPA:** 9.48
- **Pursuing BTECH HONORS, offered to top 30 students.**
    - Expected to work on a research project with a faculty member on the topic of **Neural Networks and High-Performance Computing** and earn additional 20 credits.
- **Co-curricular Activities:**
    - **Executive Board Member at ISTE Manipal**: Appointed as Treasurer and responsible for managing the Finances of **ISTE Manipal**, initiating, and completing multiple projects for the club such as **Research portal**, **Android app in Flutter**, **complete ISTE website including API for app**, etc.
    - **Event Head at TechTatva'20**: Responsible for developing the website for Hopeless Opus event which is under Acumen, the largest category in TechTatva ([Certificate Link](#))
- **Extracurricular Activities:** Part of MIT-A Cricket Team which won inter and intra-college tournaments ([Link](#))

EXPERIENCE

EPI SMART, Mumbai, Maharashtra ([Certificate](#))

Full Stack Developer, Jul 2020 - Dec 2020
- Responsible for **developing the website for the company**.
- Epi Smart is a **startup company aiming to facilitate the purchase of daily grocery for the hyperlocal market**.
- **Technologies used**: Django Web Framework, ReactJS.

ADDITIONAL SKILLS

- C
- Django Web Framework
- MySQL
- C++
- ReactJS
- Oracle Database
- Python
- Flutter
- JavaScript
- Java

CERTIFICATIONS

- Custom and Distributed Training with TensorFlow | deeplearning.ai ([Link](#))
- Custom Models, Layers, and Loss Functions with TensorFlow | deeplearning.ai ([Link](#))
- Neural Networks and Deep Learning | deeplearning.ai ([Link](#))
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization | deeplearning.ai ([Link](#))
- Structuring Machine Learning Projects | deeplearning.ai ([Link](#))
- Convolutional Neural Networks | deeplearning.ai ([Link](#))