






Anish Amol Tipnis

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PROFESSIONAL EXPERIENCE

ATOS  2022 – present

Project Trainee - Intern

Currently, building and exploring FIWARE which is Open Source Technology used for developing Smart Solutions.
Tech Stack - Python, Docker, Azure, C/C++, Linux

AXS Solutions & Consulting Pvt. Ltd.  2020 – 2021

Intern

Designed and implemented the circuitry needed to capture a video from the ESP device and send it over to the front-end device. Programmed the on-board device which sends the Video Data with minimal latency over Wi-Fi

PROJECTS

Autonomous Maze Solving Robot 2020

Technical team of students, IIT Bombay

Was a part of a team of undergraduate students that built an autonomous robot that would explore and then solve a maze by finding the shortest path from the origin to the destination.

- Designed and Implemented the mechanical chassis of the robot and the electronic circuitry.
- Programmed the onboard Arduino to first explore the maze and then designed an algorithm to use the collected data to find the shortest path to solve the maze.

Crawling and Analysis of Internship & Job Portal  2021

Course Project

- Worked in a team to create a data mining project to provide an insight over the current trends in the software industry.
- Built our own dataset by scraping Internshala and Monster India websites and performed extensive data exploration on the same.

Smart Ambulance Monitoring System 2020

Course Project

- Designed and Implemented a system that would send data on critical health indicators from an ambulance to a hospital's Dashboard.
- Used an Arduino to take input from health sensors and GPS, and send the data using a GSM Module and the MQTT messaging protocol. Used Node-Red for the dashboard.

Data Visualization: Covid-19  2020

Independent Project

- Designed and implemented, using R, a website to display the data regarding the Covid-19 virus and its spread in a user-friendly manner.

EDUCATION

M.Sc, Computer Science 2020 – 2022 | Mumbai

Ramnarain Ruia College

(CGPA - 9.54)

B.Sc, Information Technology 2017 – 2020 | Mumbai

Vidyalankar School Of Information Technology

(CGPI - 8.6)