Shubham Joshi
Assistant Systems Engineer

A tech enthusiast with an interest in both hardware and software solutions. I don't know everything but if it is related to I.T. **I'll figure it out.**

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WORK EXPERIENCE

Assistant Systems Engineer
Tata Consultancy Services (T.C.S.)

10/2021 - Present

Achievements/Tasks

- Worked for a **Greenfield project** dedicated to **modernizing the software solution** for one of the **biggest Telecommunication companies of U.A.E.** in coordination with **teams of multiple companies from around the world.**
- **Identified** that data generation and management were being done manually, **taking too much time so I designed and implemented a microservices-based solution for the same with the help of my team.**
- Worked closely with **multiple teams** in implementing **solutions for data creation speeding up the process by more than 50x times.**

Golang Developer
Appbuddy technologies

06/2021 - 10/2021

A SAS company working in health-care space **https://qa.yupmedi.com**

Achievements/Tasks

- Developed **A.P.I. endpoints and microservices to delete and sync user data from Casandra database using go lang.**
- **Containerized** microservices with the help of **docker** and **deployed** them using **bit bucket.**
- Did automated performance testing using(**Gatling improving test coverage to 95%**). Also incorporated **agile methodology, and helped to onboard** new interns.

Web Developer
Deval Selection Point
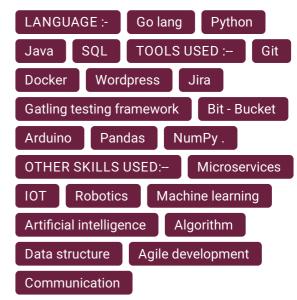
01/2020 - 01/2021

Achievements/Tasks

- Designed website to **increase the business visibility.**
- **Analyzed past sales data to predict the future requirements resulting in improved business efficiency.**
- Integrated delivery system API for **Nationwide delivery and automatic delivery requests in case of order placement on the website.**

EDUCATION

G.B.Pant Institute Of Engineering and Technology
B.Tech. Computer science and engineering (2017-21)

SKILLS

LANGUAGE :- | Go lang | Python | Java | SQL | TOOLS USED :-- | Git | Docker | Wordpress | Jira | Gatling testing framework | Bit - Bucket | Arduino | Pandas | NumPy . | OTHER SKILLS USED:-- | Microservices | IOT | Robotics | Machine learning | Artificial intelligence | Algorithm | Data structure | Agile development | Communication

PERSONAL PROJECTS

BreakingNews.org (Fake News Detection using Machine Learning)

- Scraped and collected content from multiple news websites with the help of **Python Beautiful_soup** and **Pandas**.
- Cleaned, standardized data, and trained multiple models on the data, made a **web app** using **Streamlit**, and deployed using **Heroku.** **fake-news-detection-app.**
- Created **API** for the trained models using **Fast API.**
- A website working to **combat Fake News** **http://breakingnewsorg.in/** (In development).

Bluetooth controlled car (Robotics) and Home automation with temperature control (IoT)

- Designed a **Bluetooth-controlled car** controlled through an android phone using Arduino Uno and Bluetooth serial communication.
- **Built Home automation** with which different electrical appliances can be controlled depending on the environment or with a mobile phone.

CERTIFICATES /ACHIEVEMENTS

Microsoft Technology Associate (08/2020)
Successfully fulfilled the requirements to be recognized as **Microsoft Technology Associate (Programing using Python)** **verify.certiport.com** *:wMUXp-FaXo*

ROBOSOCCER and Fastest line follower (07/2019)
Came 4th in ROBOSOCCER and participated in fastest line follower at **World Robotics Championship Tecnoxian**