

Mayank Pruthi

✉ mayankpruthii123@gmail.com
🐙 github.com/mayankpruthii
🌐 linkedin.com/in/mayankpruthi
☎ +91-8447315564

EDUCATION

Bharati Vidyapeeth College of Engineering (GGSIPU)

Bachelor of Technology in
Electronics and Communication
Grad. July 2021
CGPA: 8.4

Sachdeva Public School

CBSE 12th standard
Completed April 2017
Aggregate: 89%

SKILLS

Languages:

C++, Python, JavaScript,
Typescript

Frameworks/Libraries:

ReactJS, ExpressJS, Flask,
Bootstrap, JQuery, Redux,
Mongoose, Paramiko,
SocketIO

Databases:

MongoDB, MySQL, Redis

Tools:

Git, Docker, Figma, Postman,
Facebook Ads, Google Ads,
Wordpress, Shopify

Operating Systems:

Linux (Debian)

VOLUNTEERING

Designer at Amoli Trust
2019-present

Designer at Enactus BVCOE
2020-21

EXPERIENCE

Tata Consultancy Services

Systems Engineer

Aug 2021 – present

Delhi




- Built a Python Flask application from scratch to automate cloud deployment of Openstack, VMware and Ceph cloud solutions using ansible scripts and predefined templates, along with integrating solutions' APIs
- Used Paramiko library for automating linux shell commands on remote servers and manipulating outputs of the respective commands
- Made REST APIs for scripts requiring less than 1 second and used socketio for time consuming scripts while sending live updates to the frontend
- Refactored and documented major chunks of Flask application, implemented OOPS and inheritance increasing code reusability, and used flask-blueprints to split the code into smaller readable modules
- Made Python script for OS installation on bare metal servers via file sharing and ansible

Nyaaya

Tech Intern

Feb 2020 – July 2021

Delhi

- Developed a Social Media Data Automation tool  in Python for analysis of social media accounts' insights using Facebook Developer and Twitter APIs, Google Sheets and Web Scraping in Selenium
- Updated and maintained wordpress website  - made new custom post types and designed new pages - ensured all the posts were uploaded on time and were bug free
- Scaled server for more content and website traffic, and constantly monitored website's performance and SEO - improving speed and user experience
- Made a chatbot  using NLP and Python for answering legal queries on telegram using existing question answers on the website

PROJECTS

E-Commerce Store

An E-commerce web application with frontend built in ReactJS, backend in ExpressJS and MongoDB database Github 

Website supports google authentication, user can sort products according to name and date and filter out data using categories, user can also add reviews to a product Admin can add/edit products, categories and users

Propagating Greens Web Application

A frontend application in ReactJS that takes upto 4 unique user's geolocations, draws a polygon and makes a digital grid of desirable lengths on land and emits these grid coordinates to robot that can further do user's specified choice of work like weeding, seeding etc.