

Pranjal Singh

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EDUCATION

Jaypee Institute Of Information Technology

Bachelor of Technology in Computer Science

Noida, Uttar Pradesh

Aug. 2017 – July 2021

Sunbeam Academy

Class XII

Varanasi, Uttar Pradesh

June. 2016 – May 2017

EXPERIENCE

Technology Analyst

Infosys

July 2021 – Present

Bangalore, Karnataka

- Successfully engineered and deployed infrastructure alert management automation using Ansible and Python, resulting in a notable 30% reduction in operational costs.
- Developed Python modules for RPA automation in Site Reliability Engineering (SRE), resulting in a 45% reduction in manual remediation efforts through the automation of key processes..
- Coordinated a strategic migration from SQL to MongoDB, ensuring seamless integration within the existing architecture.
- Established a CI/CD pipeline using Bitbucket, TeamCity, and SonarQube; increased deployment frequency to over 20 releases per month and improved collaboration across teams, resulting in a streamlined development cycle..
- Created pytest test cases to identify and address issues and bugs in the automation , keeping a coverage of around 80% on test cases.

System Engineer Intern

Infosys

Feb 2021 – June 2021

Mysuru, Karnataka

- Directed the development of a web application for the organization's health club during the internship.
- Formulated features on the web app enabling users to buy, sell, and rent fitness equipment across 20 different categories.
- Used Angular for frontend development, spearheading the creation of an engaging and responsive user interface.
- Identified and resolved bugs through thorough debugging and testing processes.

Software Engineer Intern

Jp Morgan Chase and Co

April 2020 – July 2020

Noida, Uttar Pradesh

- The internship was a Software Developer intern virtual internship programme
- Conducted comprehensive data analysis tasks using python, including data collection, processing, and interpretation.
- Employed a range of data analysis tools and techniques to derive meaningful insights and inform decision-making.

PROJECTS

Decore | Python, Flask, Tweepy, HTML, CSS

June 2020 – July 2020

- Launched '**Decore**', a sophisticated web app designed with Flask and Tweepy, resulting in distinguishing normal users from spammers on Twitter .
- Achieved 93% accuracy in distinguishing normal users from spammers on Twitter.
- Conducted model training on a multilingual dataset comprising of around 60,000 data points.
- Utilized the Twitter REST API in conjunction with the Tweepy library to perform efficient data analysis and streamline data retrieval.

Student Data Management System | C++, Git

Sep 2018 – Oct 2018

- Developed a C++ Student Data Management System to efficiently manage academic information for 378 students.
- Ensured secure input, storage, retrieval, and updating of student data by implementing a user-friendly system that enhanced admin efficiency.
- Enhanced security for student data, ensuring confidentiality and privacy compliance.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL ,Mongo DB, Ansible, HTML/CSS, Bash

Frameworks: Django, Bootstrap, Flask, Tailwind-CSS,Material-UI

Developer Tools: Git, Docker,AWS, Teamcity, UI Path, Pagerduty

Libraries: Pandas, NumPy, Matplotlib,Scikit learn