

Pradeep Kumar Singh

Python Developer

Career Summary

- I Have 4+ Experience in Python with past experience in backend development using Django, Flask and FastAPI.
- Good Extensive experience in Developing/Handling highly interactive web based applications specially using Python & Django.
- Basic understanding of front-end technologies, such as HTML, CSS, JS, BOOTSTRAP, REACT JS.
- Basic understanding of using Docker to deploy, and run applications by using containers.
- Having good knowledge in Object oriented programming concepts(OOPS).
- Having knowledge of using Kafka.
- Having knowledge of AWS EC2, ECS, SNS, CloudWatch, S3, IAM.
- Having knowledge of deployment Django Project in AWS EC2, S3, Nginx.
- Having knowledge of Django Rest-Framework.
- Having knowledge of Web Crawling using Requests, BeautifulSoup, Selenium & Scrapy.
- Familiarity with MySQL, PostgreSQL, MongoDB databases and their declarative query languages.
- Proficient understanding of code versioning tools, such as Git.

Technical Skill Set

- ★ Programming Languages: Python, PySpark, JQuery, Ajax
- ★ Agile Development Tool: JIRA
- ★ Data Science: Data Mining, Data Warehousing, Data Analytics, Pandas
- ★ Web Framework: Django, Flask
- ★ Platform & IDE: PyCharm, Tableau, JupyterLab, MySQL Workbench
- ★ Database: MySQL, Postgresql, MongoDB
- ★ Automation & Data Extraction: Selenium, BS4
- ★ Cloud Services: AWS
- ★ Container and Version control: Docker, Git

Nagpur MH, 441001

+91 - 8087749447

5500pradeepsingh@gmail.com

<https://www.linkedin.com/in/pradeep-kumar-singh-355396191/>

<https://5500pradeepsingh.github.io>

Academics

M.Tech: (2016 - 2018)

Priyadarshini College of Engineering, Nagpur

B.Tech: (2012 - 2016)

Rajiv Gandhi College of Engineering & Research, Nagpur

Certifications

2023-09

AWS Certified Cloud Practitioner

Courses

2019 - 09

Data Visualization with Tableau Specialization

2019-07

IBM Data Science Professional

Achievements

Persistent Bravo - Team Awards

Hobbies

Cycling, Sketching, Cooking, Badminton, Gaming.

Career Path

Persistent Systems (Oct 2022 - Current): Sr. Software Engineer

Softenger (Feb 2022 - Aug 2022): Python Developer

Sabertooth Technologies (Sep 2019 - Feb 2022): Software Developer

Work Experience

Persistent Systems

Oct 2022 - Present

❖ Senior Developer | Cisco, US

(Nov 2023 - Present)

Project: CXTM

Work on Test Manager tool in a single docker compose environment for running robot tests and viewing results as part of the MVP (Minimum Viable Product) requirement from the account team.

Technology stack: Python, Flask, Docker.

❖ Senior Developer | Cisco, US

(Feb 2023 - Nov 2023)

Project: CX Catalog

Work on a unified platform where all the products related to the organization is kept and maintained. This application uses multiple data source from various internal databases for interacting.

Technology stack: Python, Django Rest Framework, FastAPI, RabbitMQ, AWS Kendra, Krakend, GCP, PostgreSQL, MongoDB, Docker.

❖ Data Engineer | UHG, Bangalore

(Oct 2022 - Feb 2023)

Project: Data Migration

Gathered raw data from various sources (e.g., APIs, databases) and stored it in an AWS S3 bucket using AWS Lambda functions. Utilized PySpark and AWS Glue for data processing and ETL (Extract, Transform, Load) tasks.

Technology stack: Python, Pyspark, AWS Glue, Lambda, S3 bucket.

Softenger

Feb 2022 - Aug 2022

❖ Python Developer | CBRE, US

(Feb 2022 - Aug 2022)

Project: AVA

Accounting Virtual Assistant is used by a set of accountants to verify the invoices that have been submitted by the property managers. In this application data is fetched from various databases present in the organization.

Technology stack: Python, Django, Kafka, AWS CloudWatch, AWS ECS, AWS SNS, Docker.

Sabertooth Technologies

Sep 2019 - Feb 2022

❖ Software Developer | Tirpude Group, India

(Jan 2021 - Feb 2022)

Project: Sumedha

College management system web application which used to keep and maintain the complete record of students, faculties, courses, attendance etc.

Technology stack: Python Django, Mysql, Jinja2, GIT, Nginx, React JS

❖ Software Developer | Tirpude Group, India

(Feb 2020 - Jan 2021)

Project: StockReact

Work Financial website is the share market website used for trading using kite connect api.

Technology stack: React JS, Python, Django Rest-Framework, Celery, Web-socket, PostgresQL, Docker.

❖ Data Analyst | WME, US

(Dec 2019 - Feb 2020)

Project: Legislature Data

Scraping Bill Sponsorship Info from US State Legislatures' Websites. Write Python scripts for all 50 states that scraped the information from the state legislatures' websites and saved it in the CSV and JSON file.

Python library use: bs4, selenium, requests, pandas, re, unidecode

Technology stack: Python, Scrapy Framework

❖ Data Analyst | WME, Australia

(Sep 2019 - Dec 2019)

Project: COVID-19 Surveillance System Dashboard

Interactive Dashboard For COVID-19 Surveillance System Dashboard. The requirement was to develop a scrapper that scans and fetches 100's of news/media websites for news potentially related to new coronavirus infections. And display the consolidated report on an interactive "Dashboard".

Technology stack: Tableau

Declaration

I hereby declare the above furnished information is true to the best of my knowledge.

PRADEEP KUMAR SINGH