

PRASAD MARUTI KANE

Software Developer

- I am a team player & diligent, with good interpersonal & communication skills combined with self-motivation, initiative and the ability to think outside the box.
- Computer science academic background from reputed Mumbai University institutions.
- Highly skilled and accomplished Software Developer with 5.2 years of experience in the field, proficient in Data Science, Bot Automation, Web Development, and Cloud Computing.
- Ability to analyze complex datasets and extract important insights using **Python, Pandas, Selenium, Django**, and **data cleaning** techniques.

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ACADEMIC QUALIFICATION

Smt. S.H.M Institute of Technology,
MSBTE.

JULY 2011 - JUNE 2015

Diploma in computer technology

Dilap College and Institutes, University
Of Mumbai.

JULY 2015 - JULY 2018

Bachelor Of Engineering Computer Science

WORK EXPERIENCE

Maxgen Technologies Pvt .Ltd, Mumbai,
India

JULY 2018 - JULY 2019

Software Developer

Project: WebApp Development

Description:

Development of several web apps and integration with the dashboard to reflect real-time updates on the portal.

Responsibilities:

- Using Python and the Django framework, I built and maintained the web application's backend.
- Used the Pandas library to efficiently manage and modify massive datasets for data processing and analysis.
- Developed and implemented database models and schema for data storage and retrieval using Django ORM.
- RESTful APIs have been implemented to streamline frontend and backend component interactions.
- Collaborated with frontend developers to ensure backend functionality was seamlessly integrated.

Environment: Python, Django, MySQL.

Project: Bot Scheduler for daily manual task work.

Description:

For this project, I created an effective software bot scheduler to automate routine manual tasks, increasing productivity and lowering human involvement. The scheduler's seamless integration with pre-existing applications and systems allowed for perfect job execution and real-time modifications.

Responsibilities:

- Analyzed and gathered requirements for task automation using Python, Pandas, Selenium, and Cronjob.
- Developed a robust software bot scheduler to automate daily manual tasks efficiently.
- Integrated the scheduler seamlessly with existing systems and applications.
- set up Cronjobs to schedule the bot's execution and run it at predetermined intervals.

Environment: Python, Pandas, Selenium, CronJob, Windows task sheduler.

Chandorkar Technologies private limited,
Pune, India.

AUGUST 2019 - DECEMBER 2021

Software Engineer

Project: Cloud based Ecommerce website portal

Description:

A Cloud-based e-commerce website portal for was the platform which provided a user-friendly interface, effective management of the product catalog, secure payment integration, and smooth order processing. Scalability and dependability were maintained by utilizing cloud infrastructure, giving customers a seamless online shopping experience. The website's performance optimization and analytics features helped businesses make better decisions and increase revenues.

Responsibilities:

- Gathered and examined project goals and needs from stakeholders.
led the creation of the Python Django backend for handling orders and managing products.
- For scalability and stability, the application was configured and deployed on cloud-based hosting services, mainly AWS.
- Integrated secure payment gateways for quick and safe online purchases.
enhanced website performance through the use of CDNs, caching, and database query optimization.
- Analytics solutions that are integrated to monitor website traffic, user activity, and sales results.

Environment: Python, Django, MySql,Cloud-AWS.

Project: Data cleansing for large data files.

Description:

Writing a script to clean a sizable collection of data files is necessary to clean the raw data and make it usable for subsequent use.

Responsibilities:

- complete data review was done to find problems discrepancies, and missing information in massive data files.
- Using Pandas and NumPy, I created custom data cleaning methods that handle a variety of data challenges, such as imputing missing values, deleting duplicates, and fixing errors.
- Transformed data to guarantee consistency and homogeneity.
- Checked the validity of the data with strict quality controls.

Environment: Python, Pandas, Selenium, Numpy.

Cybage Software, Pune, India.

DECEMBER 2021 - PRESENT

Software Engineer

Working for **TD Synaxt/Tech Data Corporation, Europe** client for Software Bot Development and Data cleansing projects.

Project: Creating a bot for SAP and Business warehous automation.

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Description:

In this significant project, I used Python to successfully automate SAP operations, allowing for the effortless download and cleaning of Excel files produced by SAP systems. The project dramatically increased the speed and quality of data processing by utilizing Python Pandas.

Responsibilities:

- Overall coordination and project management.
- Interact with SAP APIs and download Excel files.
- Create automation scripts for data purification and modification with Python Pandas.
- Examine data inconsistencies and flaws in Excel files.
- Used Python Pandas to implement unique data cleaning algorithms.
- Produce clear reports that summarize the results of data cleaning.
- Scheduled the bot on windows task scheduler.

Environment: Python, Pandas, Selenium, Numpy, Windows task scheduler.

Project: Creating a bot for browser based automation.

Description:

In order to efficiently download Excel files or PDFs from web-based apps, I created a robust software bot for browser-based automation for this project. The bot effortlessly interacts with user interfaces, navigates online pages, and quickly and accurately gets files by utilizing automation frameworks and tools.

Responsibilities:

- Gather and analyze project requirements for bot development, including data cleansing tasks.
- Implement browser automation with Selenium for web interaction and file downloads.
- Create custom scripts for automated data cleansing and file downloads from web applications.
- Handle user authentication to access restricted content.
- Develop file recognition algorithms for accurate selection of files.
- Implement robust error handling mechanisms for smooth automation and data cleansing.
- Utilize PyPDF and Tabula for PDF data extraction and cleansing.
- Use Pandas and NumPy for comprehensive data cleansing and validation.
- Implement logging and reporting functionalities for data cleansing outcomes.

Environment: Python, Pandas, Selenium, Numpy, Tabula, Windows task scheduler.

Buzzworks Business Services Pvt. Ltd.

MAY 2023 - PRESENT

Software Developer

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Environment: Python, Pandas, Selenium, Numpy.

RESEARCH/ ACADEMIC PROJECTS

Project: Cloud Based Online blood bank system (BE Final year project).

Description:

The Blood Bank Management System is a web-based program for maintaining, organizing, retrieving, and analyzing data in blood banks. It is connected to inventory management and administrative functions. To simplify the process of requesting blood and boost supply, we created an application.

TECHNICAL SKILLS

- **Programming Languages:** Python.
 - **Libraries:** Pandas, Numpy, Selenium.
 - **Database:** MySQL.
 - **Web Technologies:** HTML, CSS, BOOTSTRAP, Hands-On JavaScript.
 - **Cloud computing :** AWS.
 - **IDEs, Compilers, Editors:** PyCharm, MySQL, Notepad++, VS Code, Spyder.
 - **Framework:** Django Rest API.
 - **Host Management Tool:** WHM, Cpanel
 - **Operating System:** Windows, Linux.
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TRAINING - CERTIFICATIONS - LICENSES

AWS Certified Cloud Practitioner

NOVEMBER 07, 2020

Amazon Web Services Training and Certification

https://www.credly.com/badges/ce1d59ab-51b8-428b-ad43-7193820e7ef8?source=linked_in_profile

AWS Certified Solutions Architect - Associate

NOVEMBER 29, 2020

Amazon Web Services Training and Certification

https://www.credly.com/badges/34d70de1-2b7a-4e01-8fbf-95a7bf0168ad?source=linked_in_profile

AWARDS AND ACHIEVEMENTS

- I was given a Certificate of Appreciation for my outstanding performance in 2020 at chandorkar technologies (opc) private limited, Pune, India.
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EXTRACURRICULAR ACTIVITIES

I led the sponsorship and creative teams Computer Engineering Student Association's (CESA) at Dilkap Colleges and Institutes, University Of Mumbai, India in the year 2018.

COMMUNITY SERVICE/ SOCIAL WORK

- I collaborated with a few non-governmental organizations (NGOs) and made financial contributions to Indian orphanages like **Vatsalya Trust Bhandup, India.**
 - Additionally made a charitable donation to the **Shree Siddhivinayak Ganapati Mandir Trust in Dadar, India.**
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