



Prakhar Prakash

Software Developer

Software developer with two years and eight months of experience in automating use cases using Python, SQL and Flask. Well versed in Data Structure Algorithms. Experienced in leading, managing, planning, developing and deploying product and solution-based projects.

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🐙 prakhar3146@github.com

SKILLS



EDUCATION

Bachelor of Arts(General)

Mewar University

06/2014 - 07/2017

Chittorgarh, Rajasthan

WORK EXPERIENCE

Senior automation engineer

BAAR Technologies Private Limited (Hybrid)

06/2022 - Present

Kolkata, India

BAAR Technologies PVT. Ltd is a wholly owned subsidiary of BAAR Technologies INC. BAAR Technologies help organizations achieve Digital Transformation objectives related to digital security as well as testing of controls, by automating end-to-end workflows by deploying rules-based, cognitive, and artificial intelligence capabilities.

Achievements/Tasks

- ◇ Automated multiple loan collection use cases for banking institutions using Python, Selenium and MSSQL.
- ◇ Automated user identity lifecycle management processes for HRMS systems .
- ◇ Experienced in planning, leading, managing, designing, developing and deploying service-based projects into production environments.
- ◇ Automated user access management (UAM) processes for banking clients.
- ◇ Experienced in working as part of the product development front-end team.
- ◇ Developed robust, scalable and reusable code to decrease the overall cost of services using Selenium, Python, Flask and Robot Framework.
- ◇ Experienced in designing workflows, database schemas and backend scripts to automate end to end processes.
- ◇ Experienced in project management.
- ◇ Experienced in overseeing and deploying solutions in the client production environments.
- ◇ Worked as part of the team in creating the visualization engine for the company product.

Contact : prakhar.prakash@baar.ai - www.baar.ai

WORK EXPERIENCE

Data Science Intern

Flip Robo Technologies Private Limited

08/2021 - 02/2022

Bengaluru, India

Achievements/Tasks

- Hands-on experience in completing 20+ projects involving Data Science applications
- Extracted datasets using web scraping with Selenium and Python
- Ran statistical analysis, compiled, cleaned, and manipulated data as per project requirements.
- Stored the cleaned data in the MSSQL server database.
- Tested and validated ML models for accuracy in predictions of outcomes of interest
- Cleaned, organized, and analyzed text data using NLTK libraries and trained machine learning models
- Trained and evaluated ML models on live datasets to predict malignant comments, product ratings and ticket prices
- Worked on use cases involving clients from ecommerce, automobile and pharmaceuticals industry.

PERSONAL PROJECTS

Chat Application using web sockets | <https://github.com/prakhar3146/MyChatAPP.git> (01/2025 - Present)

- Tech Stack : Python, JavaScript, HTML, CSS, MySQL, Flask, Socket IO, GitHub
- URL : <https://prakhar3146.pythonanywhere.com> (NOTE : This is a free server domain and has a limited ram due to which the app might appear slow. The source code can be used through the GitHub link if required)
- Developed a web based group chat application using Socket IO.
- Developed the front-end using HTML and JavaScript with Socket IO and designed the HTML tags using CSS while maintaining the responsiveness of the website.
- Developed the backend using python and Socket IO in Flask framework.
- Created a MySQL database to maintain the encrypted credentials, number of active sessions, joining date and time etc.
- Added registration and session management restrictions through the backend scripts to enhance security.
- Maintained version control through active sync with the GitHub repository.
- Tested the application features through multiple users and sessions locally, to point out and fix vulnerabilities before pushing the changes to GitHub.
- Deployed the web application on www.pythonanywhere.com to be made available for public use.

CERTIFICATIONS

NLP, Deep NLP and Computer Vision with Python
(03/2022 - Present)

Issued - MAR/2022 by Data trained | <https://www.datatrained.com/> |
Credential ID: c22021457

PG program in Data Science, Machine Learning and
Neural Networks with Python (03/2022 - Present)

Issued - MAR/2022 by Data trained | <https://www.datatrained.com/> |
Credential ID: c22021457

SOFT SKILLS

Project Management

Communication

Client Handling

Leadership

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

Urdu
Professional Working Proficiency

INTERESTS

Running

Hiking

Reading

Video Games