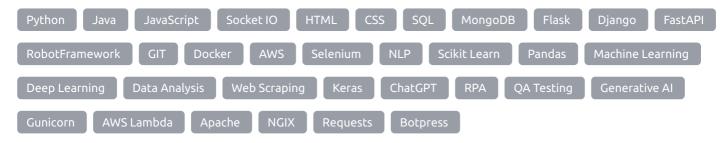# Prakhar Prakash

Software Developer

Software developer with three years of experience in automating use cases and developing full stack applications using Python, SQL, Django and Flask. Well versed in DSA. Experienced in leading, managing, developing and deploying product and solution-based projects.

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🔳 www.appsbyprakhar.in
in linkedin.com/in/prakhar-p-499757144
○ prakhar3146@github.com

SKILLS

Python · Java · JavaScript · Socket IO · HTML · CSS · SQL · MongoDB · Flask · Django · FastAPI · RobotFramework · GIT · Docker · AWS · Selenium · NLP · Scikit Learn · Pandas · Machine Learning · Deep Learning · Data Analysis · Web Scraping · Keras · ChatGPT · RPA · QA Testing · Generative AI · Gunicorn · AWS Lambda · Apache · NGIX · Requests · Botpress

EDUCATION

Bachelor of Arts(General)
Mewar University

06/2014 - 07/2017   *Chittorgarh, Rajasthan, India*

Courses
- 7.6 - C.G.P.A

WORK EXPERIENCE

Senior automation engineer
BAAR Technologies Private Limited (Hybrid)

06/2022 - 01/2025   *Kolkata, India*

Achievements/Tasks
- Automated multiple loan collection use cases for banking institutions using Python, Selenium and MSSQL.
- Automated user identity lifecycle management processes for the client HRMS .
- 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 managing and deploying solutions in the client production environments.
- Worked as part of the team in creating the visualization engine for the company product.

LinkedIn : https://www.linkedin.com/company/baartech/ - 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 (01/2025 - Present)

- Tech Stack : Python, JavaScript, HTML, CSS, MySQL, Flask, Socket IO, Ubuntu, Git, Amazon Web Services, Apache2, Gunicorn, Co-pilot
- Github : https://github.com/prakhar3146/MyChatAPP.git || URL : http://ec2-13-51-226-108.eu-north-1.compute.amazonaws.com/(Europe)
- 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 while adding Python scripts in the backend to send email notifications post successful registration.
- 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 and database tables to enhance security.
- Maintained version control and regulated deployment through active sync with the GitHub repository.
- Configured the Gunicorn production server as a proxy and Apache2 as a reverse proxy to enhance the security of the application.
- Deployed the web application on AWS cloud using a production server, in daemon-mode as a free EC2 instance, to be made available for public use.

Portfolio website (12/2024 - Present)

- Tech Stack : Python, JavaScript, HTML, CSS, PostgreSQL, Django, Git, Gunicorn, Google Analytics, Co-pilot
- URL : www.appsbyprakhar.in
- This is a portfolio website developed using HTML, CSS and JavaScript(vanilla) in the front-end and Python and PostgreSQL in the back-end leveraging Django rest framework for architecture and GIT for version control and deployment.
- Goal : The goal of this website is to provide the information that might be too big to be accommodated in the resume and to provide a quick peek into my professional as well as personal life and to maintain all the links and descriptions for all the applications that I develop and deploy.
- Added custom automations to generate notification emails using Python for both the user and myself upon raising an appointment request.
- Deployed the website on www.render.com using Gunicorn as a proxy server and GIT for version control.
- Maintained version control using GIT.
- Maintained the responsiveness of the website while making it compatible with multiple user-interfaces with the help of media queries.
- Created and configured a chatbot with the website, in order to assist visitors ask specific questions regarding myself using BOT Press configurable workflows.

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

Machine Learning with Python (04/2022 - Present)
Issued By IBM (Available on www.appsbyprakhar.in)

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

LANGUAGES

German (Learning)	English	Hindi	Urdu
Elementary Proficiency	*Full Professional Proficiency*	*Native or Bilingual Proficiency*	*Limited Working Proficiency*