SAKET ARORA

FULL STACK DEVELOPER, PHLO SYSTEMS LTD.

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Education

B.Tech in Information Technology	**July 2019 - May 2023**
Galgotias College of Engineering and Technology, AKTU, Greater Noida	*CGPA: 7.72/10*
Intermediate(12th ICSE)	**April 2017 - April 2018**
City Montessori School, Lucknow, Uttar Pradesh	*Percentage - 91.75%*
High School(10th ICSE)	**April 2015 - April 2016**
City Montessori School, Lucknow, Uttar Pradesh	*Percentage - 90.8%*

Professional Experience

Full Stack Developer, Phlo Systems Ltd., London, United Kingdom (Remote) **July 2023 - Present**

- Operated in an agile environment with daily stand-ups, tracked tickets in GitHub projects, formulated technical approaches, performed POCs, and maintained deadlines, ensuring on-time project delivery and operational efficiency.
- Effectively collaborated with teams and explained complex technical concepts to stakeholders.Adapted to new technologies and environments, ensuring quick learning and efficiency.
- Developed an end-to-end document processing system using **OpenAI Assistants** and **Weaviate** APIs, achieving 80% extraction accuracy.
- Engineered a customer service chatbot that aggregated knowledge from vector stores and **OpenAI**, increasing issue resolution efficiency by 60%.
- Authored over 50 APIs, debugged platform bugs, and addressed database issues to ensure smooth performance and data integrity. Managed front-end modifications, improving user interface and experience across the platform.
- Streamlined the automation of 100+ form fields using **.NET**, **ABP Framework**, and **AzureAI**, significantly reducing manual entry time.
- Enhanced AI assistant response accuracy by 70% through optimized **prompt engineering**.

SDET Intern, Freecharge Payment Technologies Pvt. Ltd., Gurgaon **February 2023 - July 2023**

- Automated testing of KYC and Wallet microservices using **Rest-assured** and **TestNG**, enhancing test coverage and security testing.Tested over 10 - 12 APIs
- Designed frontend and backend API testing workflows using **Java** and **Selenium**, improving API response reliability.

Data Science Intern Affine Analytics Pvt. Ltd., Banglore **July 2022 - October 2022**

- Built a Garbage segregation model using **Vgg16** and **K-Means Clustering**, processing a dataset of 12,000 images.
- Performed digit classification on **MNIST dataset** using various techniques such as **CNN**, **ANN**, **Random Forest** and **Decision Tree** algorithms.The MNIST database of handwritten digits has a training set of 60,000 examples, and a test set of 10,000 examples.

Projects

Fake News Detection Tool **May 2023**

- Built a web application that classifies news as **Real** or **Fake** with 75% accuracy using a Decision Tree Classifier trained on 2000 labeled news articles.
- **Technologies**: Python, JavaScript, HTML, CSS, NodeJS, Flask; **Libraries**: numpy, pandas, scikit-learn, NLTK, joblib, matplotlib, seaborn.

Basic Banking System **May 2021**

- Designed and maintained a MySQL database for customer accounts, ensuring 99.9% transaction accuracy.
- Developed a user-friendly front-end using HTML, CSS, JavaScript, and Bootstrap; back-end powered by PHP.

Technical Skills

Programming: NodeJS, TypeScript, NextJS, ReactJS, Javascript, Python.
Machine Learning Frameworks: Scikit Learn, LangChain, LLMs, OpenAI, AzureAI
Technical: Web Development, Artificial Intelligence, Machine Learning, Deep Learning