

Saket Arora

Full Stack Developer



[Portfolio](#)



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[GitHub](#)

PROFESSIONAL EXPERIENCE

Full Stack Developer, Phlo Systems Ltd., London, United Kingdom (Remote)

July 2023 - Present

- Collaborated robust, scalable web applications using **Next.js**, **Node.js**, **TypeScript**, **React**, **Css** and **MySQL**, achieving 100% cross-browser and cross-device compatibility.
- Implemented modular and reusable components, reducing development time for new features by 30%.
- Optimized database queries and server-side logic, improving API response times by 40%.
- Streamlined 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 100 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.
- 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., Bangalore

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.

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%

PROJECTS

Cars360

March 2024

- A user-friendly, responsive car rental platform using **HTML**, **CSS**, **JavaScript**, **Next.js**, **TypeScript**, and **React**, enabling users to browse and book cars for rent seamlessly.
- Deployed the application on **Vercel**, ensuring fast loading times and reliability for users across different regions.
- [GitHub Repository](#) — [Live Demo](#).

Fake News Detection Tool

May 2023

- 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, matplotlib, seaborn.
- [GitHub Repository](#) — [Live Demo](#).

TECHNICAL SKILLS

Programming: Node.js, TypeScript, Next.js, React.js, Javascript, .NET, Python

Machine Learning Frameworks: Scikit Learn, LangChain, LLMs, OpenAI, AzureAI

Technical: Web Development, Artificial Intelligence, Machine Learning, Deep Learning