

# KAIVALYA PATIL

Job Title – Python Full Stack Developer

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## Objectives

To work with an organisation that gives an opportunity to learn, grow and at the same time presents with chance to contribute towards the organisation growth.

## Education

Institute	Course	Year of Passing	CGPA / Percentage
Sanjay Ghodawat University Kolhapur	Artificial Intelligence & Machine Learning Engineering	B-Tech - 2024	6.20
Dr. D. Y. Patil Polytechnic K.Bawada, Kolhapur	Computer Science	Diploma - 2021	79.60
Chate School & Junior Collage of Science, Kolhapur	PCM(Elec.)	12 <sup>th</sup> - 2018	51.80
B. P. Patil Highschool, Shiroli dumala, Kolhapur	–	10 <sup>th</sup> - 2016	78.40

## Internship

- **Intern** | Python with Machine Learning in [BrightGeeks Technologies Pvt. Ltd, Bengaluru](#) | 05-01-2024 to 05-05-2024

Machine Learning Intern with hands-on experience in developing and testing machine learning algorithms, conducting research. Adept at data collection, preprocessing, model evaluation, and implementation. Proficiency in data collection and preprocessing using Pandas and NumPy. Skills in data visualization with Matplotlib and Seaborn.

- **Intern** | Python-Machine Learning in [iGAP Technologies Private Limited, Rajarampuri, Kolhapur](#) | 01-01-2023 to 01-02-2023

An internship on Python-Machine Learning with a focus on Car Price Prediction at iGAP Technologies Private Limited a great opportunity to gain practical experience in the field of data science and machine learning. Here are some of the key learning points learn during internship: 1) Python Programming, 2) Data Preprocessing, 3) Machine Learning Concepts, 4) Model Selection, 5) Model Training and Tuning, 6) Problem Solving.

- **Intern** | LINUX Operating System in [IANT Computer Education, Rajarampuri, Kolhapur](#) | 01-06-2020 to 30-10-2020

In an internship on LINUX Operating System at IANT Computer Education, learning points to learn during internship: Understanding the fundamentals of the Linux operating system, including its architecture, file system structure, and basic command- line operations. Learning about the Linux file system hierarchy, file permissions, and ownership.

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## Certificates

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- Google Data Analytics. [\[certificate\]](#)
- Data Science & Machine Learning. [\[certificate\]](#)
- Data Structures & Algorithms in Python. [\[certificate\]](#)
- Introduction to Python. [\[certificate\]](#)
- HackerRank – Python (Basic)

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## Projects

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### **Project name- Loan Prediction System (01/2024-05/2024)**

- The aim of this project is to develop a web application that predicts loan eligibility based on user inputs such as gender, marital status, income, and loan amount. Using Python and Flask, the application processes these inputs, which are then converted into a Data Frame using Pandas. A pre-trained machine learning model, serialized with Pickle, is loaded to make predictions. The front-end is built using HTML/CSS, and Flask, along with Jinja2, handles the dynamic content rendering. The model, trained on a loan eligibility dataset using algorithms like logistic regression or decision trees, is deployed in the web application to provide real-time predictions, which can be hosted locally or on a cloud platform for accessibility.

### **Project name- ChatBot Using ML (01/2024-05/2024)**

- The aim of the ChatBot project is to develop an intelligent conversational agent that can interact with users, understand their queries, and provide relevant responses. This ChatBot is designed to assist users by answering questions, offering information, and automating routine tasks, all through natural language processing (NLP) techniques. The project leverages AI and machine learning to improve the ChatBot's ability to understand context, learn from interactions, and enhance user experience over time. This project is focused on understanding how a chatbot functions in real-time environments, providing insights into its practical applications and performance.

### **Project name- Driver Drowsiness Detection System (08/2023 – 06/2024)**

- A Drowsiness Detection System is a project designed to enhance road safety by monitoring the driver's level of alertness and intervening when signs of drowsiness are detected. The system typically utilizes a combination of sensors, such as cameras and/or infrared sensors, to analyse the driver's behaviour and facial expressions in real-time.

### **Project name- Car Price Prediction (01/2022-02/2023)**

- Car price prediction is a data-driven project that utilizes machine learning techniques to forecast the value of vehicles. This project involves the analysis of various features such as make, model, year of manufacture, mileage, engine type, and other relevant factors that influence car prices. By leveraging historical data and employing regression models or other predictive algorithms, the system aims to provide accurate estimates for vehicle values. The goal is to assist car dealers, owners, and potential buyers in making informed decisions about pricing and investment.