

ABHISHEK SAWALKAR

To secure a challenging role in software development or data science, leveraging my technical skills in Python programming and Java, as well as my education in computer engineering.

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🌐 <https://abhisheksawalkar.herokuapp.com>

in abhishek-sawalkar

🔄 abhisheksawalkar2001

📍 Pune, Maharashtra, India

EDUCATION

B.E.(Honours) CSE -Data Science

Savitribai Phule Pune University, Maharashtra

📅 10/2020-present

9.51cgpa

Diploma in Computer Engineering

Mumbai University, Maharashtra

📅 07/2017-06/2020

86.91%

INTERNSHIP EXPERIENCES

Data Science AI/ML Intern

📅 Dec-Present 2023

Flourisense Technology pvt ltd

📍 Remote

Software Developer Intern

📅 Sep-Dec 2021

The Entrepreneurship Network

📍 Remote

PERSONAL PROJECTS

Employee Turnover Prediction using Machine Learning

(Ongoing)

Movies Recommender System (April-July 2022)

→ Designed and implemented a content-based movie recommender system that provides personalized movie recommendations to users based on movie characteristics such as content, actors, directors, and writers.

→ Utilized techniques in NLP, such as text preprocessing and bag of words, to improve the accuracy of movie recommendations and to enhance the user experience with the recommendation system. (Additionally, it is a good idea to mention your plans for adding a collaborative recommendation system in the future, showcasing your forward-thinking and continuous improvement mindset)

Covid Bed Slot Booking System (Jan-May 2021)

→ Developed a bed slot booking system for COVID-19 patients, allowing users to securely book available beds in hospitals through the portal.

→ Implemented multiple user roles including Admin, Hospital Administrator, and User, providing the ability to manage hospital information, bed availability, and user bookings efficiently.

→ Utilized Python Flask as the backend framework, HTML, CSS, JavaScript, and Bootstrap for the frontend, and MySQL for data storage, ensuring a secure and user-friendly experience.

AI Voice Assistant (Oct-Feb 2020)

→ Developed an AI-based voice assistant that interacts with the user through speech recognition and responds to their commands.

→ Implemented features such as providing information, opening websites, telling jokes, and sending emails through voice commands using python programming language and relevant modules.

TECHNICAL STACKS

Data Science / Machine Learning / Deep Learning

Python, Data Visualisation, Supervised learning algos, Unsupervised Learning algos, ANN, CNN, EDA, Feature engineering, Feature selection & extraction etc.

Mathematics for ML & DL

Algebra, Probability, Statistics, Calculus, Tensors.

Python packages and Frameworks

Scikit-Learn, Tensorflow, Keras, NumPy, Pandas, Pickle, Beautiful Soup, Unit testing.

Natural Language Processing

Tokenization, Text Pre-processing, Sentiment Analysis Bag-of-Words (BoW) and N-Grams, Word2Vec.

Web Development

Flask, Django, Spring, SpringBoot, Bootstrap, figma.

Programming languages

Python, Java, R, SQL, NoSQL, HTML, CSS, JavaScript.

Databases

Mysql, Mongodb, Postgresql, Google Firebase.

Cloud Deployment and containers

AWS beanstack, AWS EC2, Heroku, Netlify, Git, Docker.

CERTIFICATIONS

IBM Professional Data Science

By Coursera, Ongoing

Artificial Intelligence A-Z™: How To Build AI

By Udemy, Jan 2023

Python Developer in 2022: Zero to Mastery

By Udemy, Aust 2022

Redhat Linux Administration

By Jetking, March 2021

SOFT SKILLS

- Fast Learner
- Leadership
- Optimistic
- Problem Solving
- Communication Skills
- Time Management

INTERESTS

- AI/ML
- Software Engineer
- Data Science

LANGUAGES KNOWN

- English
- Hindi
- Marathi