

# Jai Doshi

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## Career Objective

I am a highly motivated and enthusiastic individual with expertise in Machine Learning and Full-Stack Development. As a proven leader and reliable team player, I have successfully deployed numerous platforms and applications, benefiting over half a million customers. I am currently seeking opportunities that align with my skill set to contribute to the development of cutting-edge technologies and deliver exceptional user experiences.

## Education

### Loyalist College - Toronto Campus

Toronto, Canada

PG Diploma in Artificial Intelligence and Data Science

Jan 2023 - Aug 2024

- **Percentage:** 89.05%
- **Relevant Courses:** Machine Learning II and I, Data visualization, Advanced analytics, Data warehousing, Deterministic models and optimizations, Statistical modelling and interference

### Thakur College of Science and Commerce

Mumbai, India

Bachelor's of Science in Computer Science

Aug 2019 - May 2022

- **CGPA:** 9.80/10.0
- **Relevant Courses:** Data Science, Cloud computing, Software engineering, Android developer fundamentals, DBMS

## Work Experience

### Itvedant Education Pvt. Ltd.

Mumbai, India

Artificial Intelligence Intern

May 2022 - Oct 2022

- Led and developed a Smart Proctor and a Chatbot for a renowned Ed-Tech firm using Computer Vision and Natural Language Processing
- Implemented and deployed an ML-based proctor capable of face detection, recognition, and analyzing observable behavior of the exam takers
- Developed a multi-purpose chatbot for business lead generation as well as for providing 24x7 customer support

### SuccessR Pvt. Ltd.

Mumbai, India

Web Developer

Jun 2021 - Sep 2021

- Led a team of 30 members to develop a fully-functional website of both the admin and client side for a successful HR consulting firm
- Prepared and executed the project plan by delegating various sub-modules in the frontend and backend to the team to ensure a smooth deployment
- Used HTML, CSS, JavaScript, Bootstrap for the frontend while utilizing PHP at the backend; MySQL was used as the database management system

### University of Mumbai

Mumbai, India

NSS Volunteer

Jun 2020 - May 2021

- Played a pivotal role in digitizing the NSS department of the University of Mumbai in the recent Covid-19 pandemic
- Developed both the admin and client side of the portal to facilitate a seamless experience for all the users
- The portal served as an efficient access-control system for all the volunteers. Additionally, it kept a track of individual projects for automatically generating their certificates

## Selected Projects

### Smart Proctor

Mumbai, India

Itvedant Education Pvt. Ltd.

May 2022 - Oct 2022

- Developed an end-to-end Python application that employed OpenCV and dlib for face detection and recognition and deployed it using Django on a web server with MySQL as the DBMS
- The portal is able to monitor live stream from webcams to verify the identity of the student based on enrolled images, while also keeping track of false accepts and false rejects
- Integrated cheating detection by monitoring the opening and closing of browser tabs for a fool-proof system

## Chatbot

Itvedant Education Pvt. Ltd.

Mumbai, India

May 2022 - Oct 2022

- Trained a robust AI chatbot using Rasa with a large corpus of the EdTech company's proprietary data
- The multi-purpose chatbot, capable of answering a variety of queries from potential candidates, was deployed using Javascript on a web platform
- Serves as a lead generator for the sales department by storing the user's profile in a database using MySQL

## Text Summarization and Translation

Self Project

Mumbai, India

June 2022 - June 2022

- Deployed a novel web interface using Django for text to text summarization, translation, and speech conversion
- Exported the T5 transformers model using Pickle in Python to a usable API for efficient web integration
- Employed the Google Translate and the Google Text-to-Speech API for real-time text translation and speech functionality in more than 60 languages
- A convenient front-end enabled the user to input a text or a PDF and receive the output in plain text, PDF, word document, or an MP3 for speech

## SuccessR Website Development

SuccessR Pvt. Ltd.

Mumbai, India

Jun 2021 - Sep 2021

- Led a large team of 30 members to develop the official website of SuccessR, a renowned HR consultancy firm
- Assisted in the development of both the client and admin sides by showcasing all the current offerings in an aesthetic concise manner while enabling the admin to conveniently follow leads
- The front-end was developed using HTML, CSS, JavaScript, and Bootstrap while the back-end server was deployed using PHP

## NSS Portal Development

University of Mumbai

Mumbai, India

Jun 2020 - May 2021

- Developed and deployed a master website to digitize the NSS department of all the 517 colleges in the University of Mumbai
- Implemented 6 levels of access-control clearance and access to functionality based on each user's role
- Served as an efficient attendance portal for more than half a million volunteers and kept complete track of their projects for the superiors to review
- An automated system published periodic annual reports across all colleges and generated certificates for the volunteers

## Fake News Detection

Self Project

Mumbai, India

Jan 2021 - Jan 2021

- Used the Scikit-learn library in Python to train various ML models, i.e. decision tree, random forrest, SVM, linear regression, for fake news headlines detection
- The most accurate model was then exported using Pickle and deployed using an API in Django which was hosted using Heroku

## Skills

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**Programming** HTML, CSS, C/C++, Python, PHP, Javascript, Dart

**Database** MySQL, SQLite, Firebase

**Machine Learning** PyTorch, Numpy, Scikit-Learn, Tensorflow, Tensorboard, OpenCV, Pandas

**Frameworks/Libraries** Bootstrap, Django, Flutter, AJAX, jQuery, Rasa

**Miscellaneous** Linux, Shell (Bash/Zsh), Microsoft Office, Git

**Soft Skills** Time Management, Teamwork, Team-leading, Problem-solving, Documentation, Engaging Presentation

## Achievements

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2023 **IBM Certification**, Python 101 for Data Science

Mumbai, India

2021 **Microsoft Certification**, Introduction to Programming using Python

Mumbai, India

2021 **University of Mumbai**, Appreciation Certificate for Deploying the NSS Portal during Covid-19

Mumbai, India

## Online Courses

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2022 **Itvedant**, Masters Certification in DS + Analytics

Mumbai, India

2021 **I - Tech**, Diploma in Software Engineering

Mumbai, India

2021 **NPTEL**, Spoken Tutorial - IIT Bombay

Mumbai, India

2021 **Udemy**, Artificial Intelligence using Python

Mumbai, India

2020 **Coursera**, Artificial Intelligence using Python

Mumbai, India

2020 **Great Learning**, Artificial Intelligence using Python

Mumbai, India

**References available upon request.**