

JAY JHAVERI

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EDUCATION

Bachelor Of Engineering (Computer Engineering)

June 2016 – May 2019

Vivekanand Education Society's Institute of Technology (VESIT)

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern, Makos Infotech

June 2021 – July 2021

- Developed and coded the Backend logic for their main website (Jobaskit.com) which is a platform aiming to automate the placement process of a college.
- Assisted other the head developers in designing and formatting the front end of the website.
- Pitched and presented a demo of the product to a college along with the founder of the company.
- Guided and helped other interns working on the second product aimed to automate the online college teaching process.

Web Developer Intern, VESIT Renaissance Cell

June 2020 – July 2020

- Led and managed a team of 6 during the entire duration of the internship.
- Worked on designing and implementing a Django based [Paper Publication Easy-to-use Website](#) for my college, wherein teachers can easily add their newly published work for the students to see.
- Developed a [Portfolio Website](#) for our mentor.

Data Analyst Intern, Leadingindia.ai

May 2020 – June 2020

- Collaborated with a group of 4 and successfully made a Vaccine Prediction model for the H1N1 and seasonal flu vaccines finally aiming to make an accurate guess of public acceptance rate of the Covid-19 vaccine.
- Wrote a successful [Research Paper](#), and [Blog](#) about our research and conclusions about the findings we made.
- Secured First position for the mentioned project amongst my peers.

Backend Developer Intern, Dalvik Apps

Dec 2019 – Jan 2020

- Designed and Developed a Car Coin Collection game using C Sharp (C#) Programming language.
- Created an UI friendly website aimed towards easier access and issuing of library books.
- Developed an android app concerned with calling and messaging features.

Data Analyst Intern, Núclei Technologies

Dec 2018 – Jan 2019

- Studied and applied various machine learning algorithms in R and Python Programming language.

ACADEMIC PROJECTS & RELEVANT ACTIVITIES

Published a [Research Paper](#) regarding an IOT application to help Visually Impaired People (2021): Created a Voice based standalone application using Raspberry Pi4 called "[Divya Drishti- The Divine Perception](#)" to help Visually Impaired People detect Indian Currency notes, color, day to day objects and more.

The project was funded under the Mumbai University Minor Research Grant Program.

It was also shown interest by the National Association for the Blind, India organization.

Android || Raspberry Pi || Python

Secured First position in the Code for Change Hackathon (2020): Developed data extracting software for the Global Parli Foundation NGO which automated the process of converting Land/Farm ownership papers' pdf (7/12 Extract) originally in Devanagari Script into an editable excel sheet.

Django || Google Cloud || Html/CSS

Published a [Research Paper](#) for my research about the Vaccine Acceptance rate of the H1N1 and Seasonal Flu Vaccine (2020): Researched and made a vaccine rate prediction model based on past data of the H1N1 and Seasonal Flu Vaccine as part of my internship at Leadingindia.ai.

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Developed “Mental Health Messiah” Twitter Bot (2020): The Bot aims towards helping people with mental health issues related to the Covid 19 pandemic. The Bot uses a sentimental analysis model on the tweets incorporating the “#Covid19” hashtag. It reverts back to sad/depressed detected tweets with an inspirational quote or mood uplifting memes from reddit.

IBM-Cloud API || Twitter API || Reddit API || Python

Developed an Android app for Automated Parking System (2019): The app aimed to reduce the work on manual workers such as watchman in public and private parking systems.

Tesseract OCR || Firebase || Android || Python

INDEPENDENT LEARNING VIA COURSERA ONLINE COURSES

Cyber Threats and Attack Vectors, University of Colorado,

Cybersecurity and the Internet of Things, Kennesaw State University

Responsive Website Basics: Code with HTML, CSS, and JavaScript, University of London

SKILLS & INTERESTS

Computer Skills: Python, Javascript, HTML/CSS, C, MySQL, PHP, Java, Cloud APIs, Proficient in MS Office and Google Documents

Language Skills: English and Hindi

Personal Interests: Problem solving, Teaching, Following Formula 1 and Video Games