

ELVIS DSOUZA

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Objectives:

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

Area of Interest:

Data Science, Deep Learning, Blockchain, Natural Language Processing, Machine Learning, Chatbot Development.

Summary:

Computer Engineering Degree from Fr Conceicao Rodrigues College of Engineering affiliated to Mumbai University.

Educational Background

Sr no.	Particulars	Name of institute	%/SGPA	Academic period
1	B.E. (Third Year)	Fr. Conceicao Rodrigues College of Engineering	8.32	Ongoing
2	HSC	Nirmala College of Science & Commerce	77.23%	2016-2017
3	SSC	Holy Cross Convent School	94.00%	2014-2015

Technical Skills

1. Good knowledge of programming in C, C++, JAVA, Python.
2. In depth knowledge of Machine Learning, Deep Learning, Image Processing, Computer Vision, Blockchain and Natural Language Processing.
3. Can work efficiently with UBUNTU, WINDOWS and MAC OS.
4. Deployed projects using DEV OPS tools such as Ansible, Docker, Git, Vagrant, Heroku.
5. Web Technologies: HTML, JavaScript, CSS, NodeJS, Flask, XML, Google KML, EJS.
6. Database Technologies : PostgreSQL, MySQL, MongoDB, BigchainDB

Training

1. Secured grade "A" in "Object Oriented Programming Using C++" Certification Course at NIIT, Borivali.
2. **Udemy Certifications:**
 - Python Programming Bible | Networking, GUI, Email, XML, CGI
 - Blockchain A-Z™: Learn How To Build Your First Blockchain
 - The Data Science Course 2020: Complete Data Science Bootcamp
 - Python eCommerce | Build a Django eCommerce Web Application
3. **Machine Learning Intern in Fusion Engineering pvt ltd.**
 - Duration: June 2019 – August 2019
 - Field: Computer Vision & Deep Learning
4. **Technical Intern in Cloud Counselage Pvt Ltd.**
 - Duration: December 2019 - Ongoing
 - Field: Machine Learning & Chatbot Development

Completed / Ongoing Projects

1. Presenting Obstacles Around an Aerodrome (AK2 SMART INDIA HACKATHON)

A web application that provides users the ability to view obstacles around an aerodrome in 2D and 3D. Also supports adding custom obstacles, regular automated updates and viewing obstacles around several aerodromes.

2. Multipurpose Image Classification

A web application that provides skin disease diagnosis, plant leaf disease diagnosis and person clothes recognition based on images uploaded by the user.

3. Optical Music Recognition on sheet music.

Performing Object Detection on sheet music to extract meaningful data for further processing.

4. Context Classification from audio conversations (SYMBIOSIS AI HACKATHON 2019)

Classifying user context from call centre audio logs to facilitate accurate switching of customer care agents.

5. User Healthcare Agent

A web application that allows the user to keep track of his Electronic Health records (EHR), facilitate transfer of these records securely using blockchain. A chatbot that guides the users through depression and help them by optimizing their health care routines.

6. Teachers Portal

A web application that provides teachers a platform to store their records and can be used to generate quick documentation during accreditation processes.

7. Attention Detection Portal (Bytecamp 2.0 Hackathon)

A web application that monitors attention levels in students in a flip classroom scenario.

8. Realtime Spam Detection With Analysis (Error 404 Hackathon)

A web application that classifies user email as spam and ham in real time using cloud computing and natural language processing.

9. Identity Management and Monitoring Distribution of Government Funds (Codeshastra 6.0 Hackathon)

A progressive web application to monitor government distribution of funds to avoid corruption and also to facilitate identity management among citizens benefiting from caste oriented schemes.

10. Online Machine Learning

A progressive web application for interactive intuition and practical application of machine learning algorithms.

11. Therapy Chatbot

A platform that helps users to develop positive emotions through interactive situations and also acts as a medical platform where users can query for medical information and seek professional assistance. User reports are also generated.

Achievements

1. Secured 1st place in Holy Cross Convent School in SSC Examination.
2. Secured 1st place in Smart India Hackathon 2019 Software Category for the problem statement AK2.
3. Secured 4th place in Symbiosis AI Hackathon.
4. Secured 2nd place in SIH Internal Hackathon 2020
5. Secured top 10 ranks in Bytecamp 2020 and Error 404 Hackathon
6. Secured 2nd place in Codeshastra 6.0 Hackathon
7. Organized workshops on Microcontroller Programming and Deep Learning.

*I hereby declare that all the particulars stated above are true to the best of my knowledge and belief.