PRATHAMESH KANDPAL

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Education

Year	Qualification	Grades
2016-2020	B. Tech in Electronics & Telecommunication at **Vishwakarma Institute of Technology (VIT), Pune**	7.3/10**
2018-2019	Student Exchange Program in Computer Science at **HOF University of Applied Sciences, Germany**	87/100*
2016	Global Internship Program at **Nanyang Technological University (NTU), Singapore**	60-64%
2016	HSC 12th Board	72%
2014	ICSE 10TH Board	74.5%

Technical Skills

❖ **Programming Languages**: C, C++, Python, HTML5.

❖ **Frameworks**: Google Analytics, CMS Drupal, Sublime Text, Visual Studios, Google Collab, Anaconda.

❖ **Study of concepts:** Data Structures & Algorithms, Object Oriented Programming, Web Development, Machine Learning, Natural Language Processing, Networking, DBMS basics.

❖ **MS Office:** Word, PowerPoint, Excel.

Work Experience

PROJECT TRAINEE- HDFC-Asset Management Company LTD. (June 2019- December 2019)

Domain: Digital Marketing & Automation (Digitization Dept.)

Projects Completed: SEO Optimization, Web Analytics, Script Based Chatbot for WhatsApp Business, Google Business Listing, Marketing Automation, Content Upload via CMS Drupal.

Academic Projects

[1] Contextual Chatbot using Deep Learning for Healthcare Purposes (Jan 2020 - June 2020)

*A chatbot which helps with basic diagnosis to its users based on the symptoms provided by them. Important packages like **TensorFlow, TFlearn, NLTK, NumPy** were used. 2-layer neural network with 8 neurons on each layer was used for accuracy in results.*

[2] Depth Measurement Using Computer Vision (March 2019 – May 2019)

*Concepts of Calibration, Triangulation were used. This project was conducted on **OpenCV** with two webcams for providing stereoscopic vision.*

[3] Sentiment Analysis for Text Classification (Jan 2020 – April 2020)

*By using **twitter API**, we could extract tweets and classify them into positive, negative and neutral using **lexicon-based approach**.*

[4] News App Development Using Hybrid Framework (October 2018 – February 2019)

***IONIC platform** was used for implementing this project. The News-API helped in generating an **RSS based feed**. New articles keep getting added every time user refreshers the screen.*

*- 5th Semester percentage
**- 7 semesters aggregate excluding 5th Semester (extra credits earned)

Research & Publication

[1] "Contextual Chatbot for Healthcare Purposes (using Deep Learning)", **IEEE WS4-London Conference-2020**, Submission in IEEE Xplore, October 2020.

[2] "Comparison of Sentiment Analysis on Auto-Summarized Text & Original Text using various Summarization Techniques", **IEEE PUNECON 2020**, Submission in IEEE Xplore, December 2020.

[3] "Key Learning & insights from ICLR's Best Paper 2017 — "UNDERSTANDING DEEP LEARNING REQUIRES RETHINKING GENERALIZATION" by Chiyuan Zhang et al. (2017)", medium.com, Publication in Deep Learning section of Analytics Vidhya, June 2020.

[4] "Business Application of NLP", blogger.com, April 2020.

[5] "Communication Systems in Autonomous / Self Driving Vehicles", blogger.com, April 2020.

Certifications

- ❖ "Python", Aptech Institute, July 2018

- ❖ Cisco Certified Networking Administrator (CCNA): I2N & RSE, February 2019

- ❖ "Oracle SQL", Udemy, May 2019

- ❖ "Blockchain Business: Applications & Implication", INSEAD (Coursera), October 2020

- ❖ "Data Science Tool Box", John Hopkins University (Coursera), October 2020