Nikhil V Revankar

PES University, Bengaluru

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EDUCATION

PES University   **Bengaluru**
B.Tech in Computer Science : 2016-Present   *GPA - 9.35*

Summer School - International Institute of Information Technology   **Bengaluru**
Theoretical Foundation of Computer Science : June, 2018

Narayana PU College   **Hebbal, Bengaluru**
II PUC : Karnataka State Board : 2014-2016   *Agg - 96.1%*

Air Force School   **Hebbal, Bengaluru**
Class 10 : Central Board of Secondary Education : 2004-2014   *GPA - 9.80*

EXPERIENCE

Stylumia Intelligence Technology Pvt Ltd.   **Bengaluru, India**
Intern - Product Engineer   *May 2019 - July 2019*
- Worked on Deep Learning model for the development of Fashion Industry Technology product.

CodeOps Technologies   **Bengaluru, India**
Intern - ChatBot Developer   *June 2018 - July 2018*
- Developed an interactive chatbot called KonfBot using AI built framework LUIS.ai and Azure BOT Service with NodeJS.
- Scrapped the tech-conference details from the hosted websites and serialized the relevant fields in json format automatically to www.konfhub.com being developed by Codeops.

Inube Software Solutions Pvt Ltd.   **Bengaluru, India**
Intern - Web Developer   *June 2017 - July 2017*
- Built a complete responsive site for Janashakti insurance using Bootstrap framework, and some part of ASP.NET Razor (Mark up lang).

TECHNICAL SKILLS

Languages
- C, Python, R, JavaScript

Tools / Frameworks
- Keras, NLTK, Tensorflow, Selenium, Docker-Containers, Tkinter, Bootstrap, Django, LaTeX, GIT, NodeJS, MySQL, PostgreSQL, Azure Bot Service, LUIS.ai

PROJECTS

Stock Market Analysis *(Data Mining, Visualization, Pattern Recognition, Time Series Analysis)*
- Analytics on US Stock Market Fluctuations incidental to Internet Trends for the year 2016.
- Includes interesting visualizations and various insights were drawn on the growth/decline of company stock value with reference to keywords over the internet traffic.
- Various models are also applied to forecast the stock market prices.
- The project has been published in Springer Journals.

Fashion Apparel Classification *(Image Processing, Instance Segmentation, Classification)*
- Applied a combined combined model called MaskRCNN using Transfer Learning approach on iMaterialist Fashion and Paperdoll Dataset.
- The model generates bounding boxes and segmentation masks for each instance of an object in the image and also classifies various classes associated with the object.

Image-Image Translation *(Image Processing, Generative Adversarial Network)*

o Comparative study towards general approach of image-image translation using Vanilla GAN and Conditional GAN is implemented.

o CGAN comes out to be the promising approach for various image-image translation tasks which includes sketch-image translation, image inpainting, etc.

Word-Phonetic Generation *(Natural Language Processing, Seq-Seq Models)*

o Translation of words into corresponding phonetics using Seq-Seq LSTM Recurrent Neural Network model, Embedding model and Attention model and comparison of the generation of phonetic sequence by the appropriate models was achieved.

KonfBot *(Azure Bot Service , LUIS.ai, NodeJS)*

o An interactive Chatbot which shows various tech conferences happening across the world. It's built using Azure Bot Service with NodeJS and LUIS.ai framework to understand the intents and entities.

SelfieLessActs *(Docker-Containers, Django, REST API, AWS Cloud)*

o A micro-service model of photo sharing web app hosted on AWS cloud platform is developed using Django framework, SQLite3 Database system and Linux Docker-Container.

o REST API is implemented on Back-End along with Load Balancing, Auto Scaling and Fault Tolerance features to make the application more flexible.

Intal C-Library *(Data Structure, Algorithms)*

o Developed a C-library of an integer of arbitrary length named Intal. Various functionalities such as addition, multiplication, etc between two large integers has been implemented.

ID Management System *(DataBase, PHP-MySQL)*

o Developed a database system to store Identity details of an individual. The key features includes various ID's of a person such as Aadhaar, DL, Voter ID, Passport, Ration card and Insurance details.

o It's developed using php-MySql Database, and frontend includes HTML, CSS3.

Saastha Educare *(Bootstrap CSS, Javascript)*

o Developed a responsive educational website for an institute.

o The site gives necessary details of institute, facilities provided, course info, different branches located, admission process, etc.

o The technologies includes HTML5, CSS3, Javascript, PHP and Bootstrap framework.

IOT Weather Station *(Raspberry PI, Sensors)*

o The IOT based project aims to show the current Humidity, Temperature and Pressure parameters on the LCD as well as on the internet server using Raspberry Pi.

o All this data is sent to ThingSpeak server for live monitoring from anywhere in the world over internet and finally ThingSpeak analyses the data and shows it in a Graph form.

ACHIEVEMENTS

o Recipient of Proff. C.N.R Rao merit scholarship for being among the top 20% performers in all 4 Semester's of B.Tech-CSE with a GPA of 9.43

o Awarded as a Best Outgoing Student of batch 2014-2016 in II PUC.

OTHERS

o Attended "Center For Innovation and Entrepreneurship Basecamp" organized by PES University.

o Attended UiPath Developer Conference 2019 held in Bangalore, where I got an opportunity to learn more about Robotic Process automation.

VOLUNTEER EXPERIENCE

Volunteer, Container Conference 2018 Bangalore

o ContainerConf is developer focused conference organized by Codeops Technologies. It covers container related technologies and its applications. Was an active member and helped in organizing the conference successfully..

Organizer, Mozilla WebVR

o Helped in organizing 1 day hands-on session workshop on WebVR conducted by Mozilla community at PES University.

MORE ABOUT MYSELF

Hobbies

o Coding, Playing Chess, Cricket, Table Tennis.

LinkedIn Profile

o https://www.linkedin.com/in/nikhil-v-revankar-4998b4a6

GitHub Profile

o https://github.com/nikhil3198