

# Nikhil V Revankar

PES University, Bengaluru

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## EDUCATION

### PES University

*B.Tech in Computer Science : 2016-Present*

**Bengaluru**

GPA - 9.35

### Summer School - International Institute of Information Technology

*Theoretical Foundation of Computer Science : June, 2018*

**Bengaluru**

### Narayana PU College

*II PUC : Karnataka State Board : 2014-2016*

**Hebbal, Bengaluru**

Agg - 96.1%

### Air Force School

*Class 10 : Central Board of Secondary Education : 2004-2014*

**Hebbal, Bengaluru**

GPA - 9.80

## EXPERIENCE

### Stylumia Intelligence Technology Pvt Ltd.

*Intern - Product Engineer*

**Bengaluru, India**

*May 2019 - July 2019*

- Worked on Deep Learning model for Fashion Apparel Classification for the development of Fashion Industry Technology product.
- A combined model called MaskRCNN was applied 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.

### CodeOps Technologies

*Intern - ChatBot Developer*

**Bengaluru, India**

*June 2018 - July 2018*

- An interactive Chatbot (KonfBot) 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.
- Scrapped the tech-conference details from the hosted websites and serialized the relevant fields in json format automatically to [www.konfhub.com](http://www.konfhub.com) being developed by CodeOps.

### Inube Software Solutions Pvt Ltd.

*Intern - Web Developer*

**Bengaluru, India**

*June 2017 - July 2017*

- Built a complete responsive web pages for Janashakti insurance using Bootstrap framework, and some part of ASP.NET Razor (Mark up lang).

## TECHNICAL SKILLS

### Languages

- C, Python, R, C++, JavaScript

### Tools / Frameworks

- Keras, NLTK, Tensorflow, Selenium, Tkinter, Bootstrap,  $\text{\LaTeX}$ , MySQL, Docker-Containers, Azure Bot Service, LUIS.ai

## RESEARCH

### 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.
- Research Paper accepted at AISC by Springer International Publication.

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

- Translation of words into corresponding phonetics using Seq-Seq LSTM RNN model, Embedding model and Attention model and comparison of the generation of phonetic sequence by the appropriate models is being achieved.
- Ongoing Research.

## OTHER PROJECTS

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

- Comparative study towards general approach of image-image translation using Vanilla GAN and Conditional GAN is implemented.
- CGAN comes out to be the promising approach for various image-image translation tasks which includes sketch-image translation, image inpainting, etc.

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

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

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

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

### Saastha Educare ( *Bootstrap CSS, JavaScript* )

- Developed a responsive educational website for an institute. The technologies includes JavaScript, PHP and Bootstrap framework.

## ACHIEVEMENTS / CO-CURRICULAR ACTIVITIES

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- Recipient of Prof. 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
- Awarded as a Best Outgoing Student of batch 2014-2016 in II PUC.
- Active member of tech meetups organized by the community.
- Attended "Center For Innovation and Entrepreneurship Basecamp" organized by PES University.
- Attended Google Devfest 2018 organized by Google Developers Group community held in Bangalore.
- Attended UiPath Developer Conference 2019 held in Bangalore, where I got an opportunity to learn more about Robotic Process automation.

## VOLUNTEER EXPERIENCE

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### Volunteer, Container Conference 2018 Bangalore

- 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.

### Volunteer, Google ML Study Jam

- Helped in organizing 3 days hands-on session workshop on Machine Learning study jam conducted by Google Developer Groups, Bangalore.

### Organizer, Mozilla WebVR

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

## MORE ABOUT MYSELF

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### Hobbies

- Playing Chess, Cricket, Table Tennis.

### LinkedIn Profile

- <https://www.linkedin.com/in/nikhil-v-revankar>

### GitHub Profile

- <https://github.com/nikhil3198>