Komal S K

Contact Number : 9663857797

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Location : Bangalore

WORK EXPERIENCE

- **Mindtree**
  Position: Senior Software Engineer
  Period : August 2018 – till date

- **Mindtree**
  Position : Intern
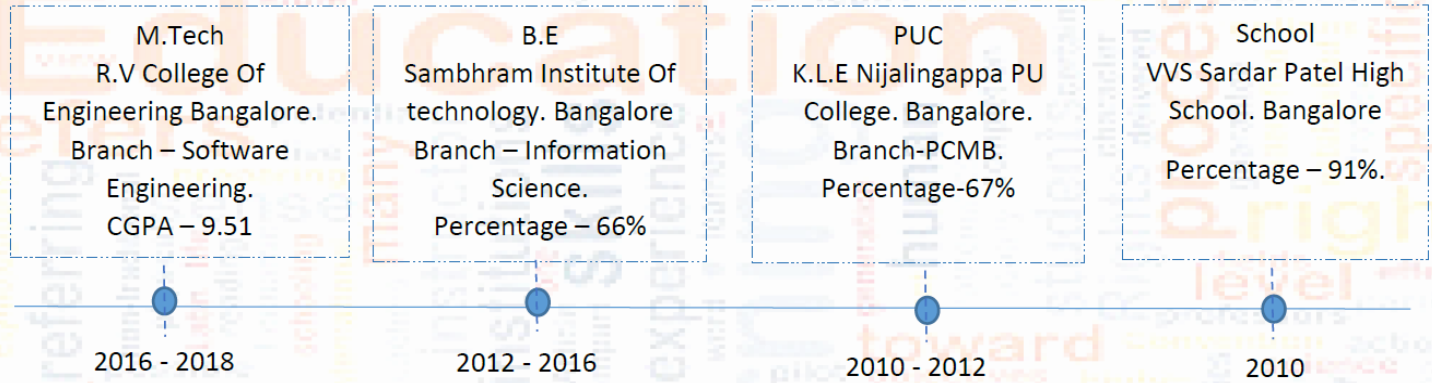 Period : Jan 2018 – May 2018

PROJECTS

- Company : Mindtree
  Project : Smart Store
  Description :
  - Built two stage model for object detection (using tensorflow RCNN-object detection algorithm) and classification using (mobilenet classification algorithm) in python.
  - Built a model for person posture classification for prediction of person fall.
  - Contributed for code integration using C++.
  - Contributed in data annotation and pre-processing.
- Company : Mindtree
  Project : License Plate detection and Face recognition
  Description :
  - Built a YOLO (You look only once) model for character recognition.
  - Contributed in building a model for license plate recognition (using faster-RCNN)

- Company: Mindtree Osmosis 2019 (Mindtree technical fest)
  - Built the model for gender and age recognition using face-Cascade and wide resnet in python.
  - Contributed in integration of the model and code with python flask.
  - Contributed in data preprocessing, report generation and result plotting.

Currently working on PPE (Personal protection equipment) detection.

Academic Projects
- Fish Detection and Classification Using Self Organized Maps. (M.Tech – II Sem)
  Description : Detection of fish in marine images and distinguishing the species using Euclidean distance and Self organized maps.
- Data Mining Project : Result analysis using KNIME tool.(M.Tech – I Sem)
- Data Mining – Two stage web crawler for effective Web mining. (BE – Final Year)

EDUCATIONAL DETAILS

M.Tech	B.E	PUC	School
R.V College Of Engineering Bangalore. Branch – Software Engineering. CGPA – 9.51	Sambhram Institute Of technology. Bangalore Branch – Information Science. Percentage – 66%	K.L.E Nijalingappa PU College. Bangalore. Branch-PCMB. Percentage-67%	VVS Sardar Patel High School. Bangalore Percentage – 91%.
2016 - 2018	2012 - 2016	2010 - 2012	2010

SKILLS AND ACHIEVEMENTS

Technical Skills

- Languages : C/C++, Python.
- Web technologies : HTML, Javascript, PHP.
- Tools : OpenCV, Visual Studio, Matlab.
- Industry Domain : Machine Learning, Image Processing, Deep Learning, AI.

Subjects Studied : Agile Methodology, IOT, Cyber Security, Software Testing , Project Management .

Achievements

- Gold medalist in M.Tech from R.V College of engineering.
- Paper Publications : Fish Detection and Classification Using Self organized Maps. Published in the CiiT International Journal.of Artificial Intelligent Systems and Machine Learning
- Paper Publication: Using Convolutional Neural Network to improve upon Support vector machines based Video tamper classification published in IJERT a SCOPUS Indexed journel.
- One of the top finalists in AI wizard contest Osmosis-2019 at mindtree.
- Won appreciation award as an A-team player and appreciation award for automating the workspace at mindtree.

PERSONAL DETAILS

- Date of Birth : 02-07-1994
- Nationality : Indian
- Languages Known: English, Kannada, Hindi.
- Hobbies : Painting, sketching, jewelry making, chess, badminton.

Declaration

I hereby declare that the above-mentioned information is accurate to the best of my knowledge and belief.

Place : Bangalore

Date :   (Komal S K)