

## Personal Details:

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## Objective:

To obtain a challenging position in the field of AI and ML that utilizes my skills and knowledge.

## Education:

- Full Stack Applied AI and ML Program, [Skillslash Academy], [9 months]
- ME in E&TC (VLSI and Embedded System), K.K.Wagh Inst. Of Engg. And Research, Pune, 2016
- BE in E&TC, Sandip Inst. Of Technology and Research Centre, Pune, 2014
- HSC (12th), Fravashi Academy Jr. College, Nashik Board, Science, 2010
- CBSE (10th), Symbiosis school, Central Board of Secondary Education, 2008

## Professional Experience:

Operational Admin - Engineering Dept, JSL Manufacturing PTD Ltd, June 2018 - Nov 2019

- Designed engineering drawings using Free CAD and SolidWorks and handed them over to the production department
- Prepared documents pertaining to production objects and issued them to the production department
- Looked for availability of raw materials required by the production department

## Skills:

- Programming languages: Python, Java, C
- Machine learning: Python ML algorithms, Auto ML
- Artificial intelligence: Deep Learning, NLP, Computer Vision, Reinforcement Learning, Risk in AI
- Design tools: SolidWorks, Protus, Jupiter Notebook, PyCharm, PowerBI, Tableau
- Other tools: MySQL, KIEL, Micro wind, Xilinx, Android, Latex, PSOC software, QCA, MS Office

## Projects:

- Barcode Scanner for time detection in production dept.: Developed a barcode scanner software which helped to find the total elapsed time including start and end time to complete job/process at machine site using Microsoft Excel as a front end and an add-in function to create barcodes.
- FPGA-based Robot for Defense for India: Developed an FPGA-based robot for the defense in the areas where it is difficult to reach. The android application helped the soldiers to view if there is any problem in the areas by the video taken by the robot. The system reduced the cross-border terrorism.
- Mobile Phone Based SCADA System: Monitored various parameters related to industries (temperature, displacement, under voltage, LDR light intensity) through a simple mobile having a web browser (android mobile, as well as non-android). The readings can be examined by the workers from anywhere and the parameters will tell if any problem takes place. The application helped the industries from many problems related to the readings as the database was created. The android application was also designed.

### Certifications:

- PCEP – Certified Entry-Level in Python Programming
- PCAP - Certified Associate in Python Programming
- PCAD™ – Certified Associate in Data Analytics with Python(On Going)

### Extra-Curricular Activities:

- Participated in poster making at the national level
- Participated in Aptitude Test competition at college level
- Participated in inter-college paper presentation
- Participated in National level paper presentation
- Circuit debugging at college level
- C coding at college level
- Published three Journal Papers

### Languages Known:

English, Hindi, and Marathi