

# MANSI PRAVIN THANKI

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Nashik, Maharashtra, India

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## CAREER OBJECTIVE

Enthusiastic and ambitious individual, seeking a Software Engineer role in an esteemed organization to utilize my C, C++, Core Java, Python, JavaScript, CSS and HTML skills along with my managerial capabilities for the growth of the organization as well as to enhance my knowledge about the emerging trends in the IT sector.

## EDUCATION

### Bachelor of Computer Engineering

Aug 2016 - Oct 2020 (Expected)

K.K. Wagh Institute of Engineering Education and Research, Nashik.

CGPA – **8.87 out of 10**

Affiliated with Savitribai Phule Pune University, India

Year	Key Subjects Studied	CGPA out of 10
Fourth	AI and Robotics, Data Analytics, Data Mining, Software Testing, ERP	<b>9.55</b>
Third	Database Management System, Embedded System and IOT, Web Technology	<b>8.93</b>
Second	Engg. Math-III, Advanced Data Structures, OOP, Comp. Graphics	<b>8.72</b>
First	Engg. Physics, Engg. Math I & II, Engg. Graphics, Basic Mechanical Engg.	<b>8.28</b>

### Higher Secondary School, R.Y.K College of Science & Arts, Nashik.

Aug-2014-May 2016

Maharashtra State Board, India

**81.38%**

### Secondary School, Kilbil St. Joseph's High School, Nashik.

May 2014

Maharashtra State Board, India

**97.40%**

## TECHNICAL SKILLSET

Programming Languages	C, C++, Python, Core Java, R, SQL
Web Technologies	HTML, XAMPP Apache Web server, Bootstrap, CSS, JavaScript, PHP, AngularJS, Apache Tomcat, Selenium Tool
IDE	IntelliJ IDEA, NetBeans, Eclipse, IDLE, Microsoft Visual Studio, Jupyter Notebook, Spyder, RStudio, Canopy, Arduino, Code: Blocks, Sublime Text
Databases	MySQL, Mongo DB, Oracle Database
Operating Systems	Windows XP/7/8/10, LINUX

## INTERNSHIP AND TRAINING

### Zensar Technologies - Pune

Aug 2019

The 30 days Zensar's Employability Skill Development training program aimed at enhancing the technical, functional and soft skills of fresh graduates for effective working in the IT industry.

### Boon Enterprises Pvt. Ltd, Nashik

May-June 2019

Worked on Web Development projects for clients using HTML, CSS, Bootstrap, JavaScript, AngularJS

## ACADEMIC PROJECTS

### Forensic Investigation on Operating System Logs

- Developed a tool for Cyber Forensic Experts to detect tampering of OS logs using cryptographic hashes, Anomaly detection using timestamp-based method and Event correlation using semantic rule-based method
- **Tools used:** C# .NET

### Realtime Corona Virus Outbreak Notification System

- Developed a Python notification application to provide the realtime COVID-19 data to the user by performing web scrapping on MoHFW India
- **Tools Used:** Visual Studio Code, BeautifulSoup, Plyer, Tkinter

### Customer Relationship Management App

- A fully functional progressive web app (PWA) deployed in cloud to help manage and analyze customer data.
- **Tools Used:** IntelliJ IDEA, Spring Boot, Vaadin, Spring Data, Spring Security

### Road Sign Recognition using CNN

- Used Convolutional Neural networks and python libraries to classify road signs present in the images into different categories which is useful for autonomous vehicles. Accuracy achieved by this model is 95%.
- **Libraries used:** TensorFlow, Keras, PIL, Matplotlib, Sklearn, Pandas, Numpy. **Tools:** Jupyter, Tkinter

### Personality Prediction System

- Built ML model for classifying persons based on their characteristics and finding group of people with similar characteristic from dataset using logistic regression, decision trees, K-means clustering in Python.
- Used data mining concepts like missing value handling, Normalization, discretization while exploring data.  
**Libraries used:** Pandas, NumPy & Sci-kit learn. **Tool Used:** RStudio, Selenium

### Smart Washroom

- An IOT based project to provide an eco-friendly and cost-effective alternative to auto-flushing technology in India which was implemented for only Rs 930. **Tools Used:** Arduino IDE, Arduino Nano
- **Sensors Used:** Proximity Sensors, Magnetic Door Switch, Soil Moisture Sensor, Buzzer, LED

## PUBLICATION

### A survey on OS Logs Techniques

A survey on OS Logs Analysis Techniques", International Journal of Science & Engineering Development Research (www.ijedr.org), ISSN:2455-2631, Vol.5, Issue 5, page no.248 - 251, May-2020,  
Available: <http://www.ijedr.org/papers/IJEDR2005043.pdf>

## CERTIFICATIONS

- |   |           |
|---|-----------|
| ➤ Training Program for Python conducted by IIT Bombay.                      | Aug-2017  |
| ➤ Training Program for JAVA conducted by IIT Bombay.                        | Feb-2018  |
| ➤ Mastering Data Science and Machine Learning Fundamentals by AI Sciences   | Oct-2019  |
| ➤ Neural Networks and Deep Learning by deeplearning.ai                      | May-2020  |
| ➤ TCS iON 'Career Edge-Knockdown the Lockdown' online course                | May-2020  |
| ➤ Java Programming and Software Engineering Fundamentals by Duke University | June-2020 |

## ACHIEVEMENTS

- Letter of Appreciation from Education Ministry of Maharashtra Government for securing 3<sup>rd</sup> in the Nashik District for S.S.C Exam.
- Received education scholarship from ABB India-Nashik Division for consecutive 8 years (2009-2016) which is given to students who have showcased exemplary academic performance up to Higher Secondary School
- 2<sup>nd</sup> runner up in Paper Presentation in MECHEAVEN 2K17, a national technical event organized in KKWIEER.
- Department Level Winner of KKWIEER in IET PATW 2019, a global level paper presentation competition.

## EXTRACURRICULAR ACTIVITIES

- Event Head of the White-Collar Event conducted under EQUINOX 2K19
- Participated in Paper presentation competition in TELEKENESIS 2K17
- Participated in the State Level Internet of Things Workshop conducted by Cognifront India
- Member of the Computer Society of India Students Chapter (2017-2019)

## COMMUNITY SERVICE

- Conducted various rural education and environmental awareness programs as a President of INTERACT CLUB NASHIK under the Rotaract Club of Nashik during the tenure.
- Recipient of gold medal from HelpAge India for noteworthy contribution to help the elderly of the society

Dated: 8<sup>th</sup> September 2020