

# SHANTANU MILIND JOSHI

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## EDUCATION

Qualification	Institute	%/CGPA	Year
SSC (10 <sup>th</sup> )	Boys' Town School,Nashik	96 %	2013-14
HSC (12 <sup>th</sup> )	R.Y.K Science College ,Nashik	84.31 %	2015 -16
FE (Computer Science)	Pune Institute of Computer Technology	9.84	2016 -17
SE (Computer Science)	Pune Institute of Computer Technology	9.74	2017-18
TE (Computer Science)	Pune Institute of Computer Technology	9.74	2018-19

## TECHNICAL SKILLS

- **Programming Languages** : C++, Core Java, Javascript
- **Special Interest** : Algorithms and Data Structures, Competitive Coding
- **Web Technologies** :HTML, CSS ,Servlets, Java Server Pages, Bootstrap, Typescript,Angular JS, Node JS, Express ,GraphQL
- **Database** : **Relational** : MySQL,PostgreSQL  
**Non-Relational** : MongoDB, Firebase RealTime, Cloud Store Firebase
- **Domains** : Web Development,Machine Learning ,Android
- **Frameworks and Other Tools** : Android Studio, Github, Jupyter Notebook, VS Code, GitLab

## PROJECTS

### 1. VoiceBot\_Speaking :

- Developed a voice bot in local language based on the location of the user, which was shortlisted in **top 4 teams** in **Smart India Hackathon(National Level Hackathon) 2019** for NCORD organization .
- Technologies Used : Android, Firebase Cloud, Google Voice to text API, Dialogflow,Angular JS,Node JS
- Link : [https://github.com/shan7030/Marathi\\_Voice\\_Health\\_Bot](https://github.com/shan7030/Marathi_Voice_Health_Bot)

### 2. CollectChunk :

- Implemented an Android and Web Application which ranked among **top 10** from **3850** submissions in **Pune Smart City Hackathon(City Level Hackathon) 2018** organized by **Hackerearth,Savitribai Phule University** based on "Solid Waste Management Theme".
- Technologies Used : Angular JS,Node JS,Android, Firebase RealTime Database, Google Maps API, HTML, CSS, Bootstrap
- Link : <https://github.com/shan7030/CollectChunkFinal>

### 3. Ayushman\_Odisha :

- Created Web and Android application which was selected for **Smart Odisha Hackathon 2018** and shortlisted among **top 8** teams which included analysis of data using ML Algorithm for setting the camp for a particular disease organized by **Hackerearth , BPUT** .
- Technologies Used : Node JS,Angular JS,Android, Firebase Cloud, Typescript, Bootstrap, MongoDB
- Link : <https://github.com/shan7030/DiseaseCampAwarenessApp>

#### 4. Defective Leaf Detection based on Image :

- Created a classifier using CNN to detect the diseased leaf for tomato plant and the type of diseases it is facing .Trained around 20,000 images to get accurate result .
- Technologies Used : Convolutional Neural Networks (CNN), Python ,Kivy
- Link : <https://github.com/shan7030/DefectiveLeaf>

#### 5. Way To Mars:

- Developed a web application to provide functionalities for the user to book ticket to go to mars and was created as a part of the coding challenge competition Pulzion – 2018 .
- Technologies Used : JavaScript, HTML, CSS, Bootstrap, PHP, My-Admin, Xamp.
- Link : <https://shan7030.github.io/advweb/>

### ACHIEVEMENTS AND ACCOLADES

- **1<sup>st</sup>** Ranker in School in **SSC (10<sup>th</sup> Standard)**
- **2<sup>nd</sup>** Rank holder in College in **Second Year of Engineering**
- Overall **Rank 1** for 5 semesters with aggregate CGPA 9.78
- **2 Gold Medals** in National Science Olympiad(NSO)
- **1 Gold Medal** in International Math Olympiad(IMO)
- Cracked Qualification round of “ **Google CodeJam** -2019 ”
- **3<sup>rd</sup>** Ranker in ACM- ICPC at college level
- Winner of “**Best Technical Student** ” for 2 consecutive years in School
- Completed the **First Jet Toy Challenge by Mahindra** (“WORLD IN MOTION”)
- **Scholarship** holder for being topper in 10<sup>th</sup>, SE by “Hindustan Aeronautics Limited(**HAL**)”

### EXPERIENCE

- **Volunteer for Credenz(an IEEE Event) 2017 :** ( Sep 2017 – Nov 2017 )
  - Led a team for the creation of Android Application for Credenz Event
  - Created Application in Java, NodeJS, Express JS .
- **Summer Intern at Siemens PLM Software :** ( May 2019 – July 2019 )
  - Won the opportunity to work in Core Software Developer Team based on **Angular Code Sprint** .
  - Created a Web Application using Siemens Web Framework (Apollo)
  - Developed a NodeJS and GraphQL Backend for Microservice Architecture
  - Designed a responsive frontend using AngularJS and Apollo

### COURSES

- Machine Learning - Stanford Online, Coursera
- Machine Learning with Python - IBM ,Coursera (Awarded with Digital Batch)
- Modern Application Development Online Event – Amazon Web Services
- System Design For Modern Application - Udemy
- Introduction to Typescript - Udemy