

# Govind Satwani

An upcoming Software Engineer, with proficiency in C++, JAVA, Python, and Machine Learning. Always hungry to learn about new things and technologies. Looking for opportunities to expand my area of expertise and further develop and polish my skills. Interested in making new connections. Information Science.



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## EDUCATION

### Bachelor of Engineering BMS College of Engineering

08/2018 - Present

Bangalore, Karnataka : 9.70 CGPA

### High School DAV Public School

04/2017 - 03/2018

Kota, Rajasthan : 91.4%

### Secondary Education Delhi Public School

04/2015 - 03/2016

Kanpur, Uttar Pradesh : 10 CGPA

## PUBLICATIONS

### Named Entity Popularity Determination using Ensemble Learning

- International Workshop on Joint NLP Modelling for Conversational AI @ ICON 2020

## WORK EXPERIENCE

### Student Sub-Head BMSCE Upagraha-Satellite Team of BMSCE

05/2020 - Present

Bangalore

#### Tasks

- Student Coordinator for the OBC(On-Board Computer) Subsystem for the Balloon Satellite of BMSCE
- Managing a team of 4 responsible for microprocessor and related components of the OBC subsystem
- Work in co-ordination with the other subsystems to keep up with the requirements and other updates

### Engineering Intern Indian Oil Corporation Limited

12/2019 - 01/2020

Delhi

#### Tasks

- Introduction to C#, ASP.net
- Study about the Polymer Division of the Company
- Help contribute to the website of the division using C#, ASP.net forms and CSS

## TECHNICAL SKILLS

Python, Java, C++, C, CSS, HTML, Git, Unix Workbench, C#, XAMPP

Android Studio, Bash Shell Scripting, Machine Learning, Big Data Analytics, Artificial Intelligence, Cloud Computing, Data Mining, Deep Learning, Operation Research

Weka Tool, PySpark, Github, Google Cloud Platform

## PROJECTS

### Samsung PRISM Developer

Named-Entity Disambiguation, after scraping data from Wikipedia and developing a script to correctly disambiguate named entities. A machine learning model was developed to identify ambiguous keywords and classify them further.

### HPE-CTY : NVMe health monitoring and fault detection

Generating error-log for SSDs and HDDs, with the help of CrystalDisk, and developing a system for automatic fault detection in NVMe and health monitoring.

### Restaurant Review Manager

Using Front-End Tools and Xampp, a mini-project for rating and reviewing restaurants was developed

### Guild Board

Developing an android app for college assignments, where teachers can upload assignments, students can upload their submissions, and a record of submitted assignments can be maintained using Android Studio

### Data Analysis using Spark

Using the Python API for Spark, data analytics is performed on a Housing Dataset, to gain better insights on the relationship between different attributes, and make predictions

### Phone Directory for Students

Using UNIX Workbench and Shell Scripting, a student phone directory with dual-security check feature is implemented

### Breast Cancer Analysis using Machine Learning

Using a dataset on Breast Cancer from Kaggle, predictions were made on the same, by feeding the dataset to Decision Trees, Random Forests and comparing the results of the same.

### Data Prediction using Pattern Analysis

Using existing(provided) information, patterns are recognized and predictions are made on their basis, for one of the day-to-day activities

### NFC based Attendance system

Currently a part of the student team in development of an NFC Based Attendance System and App(under development)

## SOFT SKILLS

Teamwork

Leadership

Critical Thinking

Public Speaking

Creativity

Communication

Organization

Responsibility

Time Management