

# Soumallya Dev

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## EDUCATION

### THAPAR UNIVERSITY

BE IN COMPUTER ENGINEERING

Expected Aug 2022 | Patiala, Punjab

### BAL BHARATI PUBLIC SCHOOL

CBSE - XII| Grad. May 2018| Noida, UP

PERCENTAGE: 93.2%

### BAL BHARATI PUBLIC SCHOOL

CBSE - X| Grad. May 2016| Noida, UP

CGPA: 9

## LINKS

Github:// [soumallyadev07](#)

LinkedIn:// [soumallya-dev](#)

Portfolio:// [soumallyadev](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures & Algorithms

Operating Systems

Database Management System

Probability & Statistics

Artificial Intelligence

Software Engineering

## SKILLS

### PROGRAMMING

Python • C/C++ • Javascript

• HTML5 • CSS

Familiar:

Kotlin • SQLite

### TOOLS/Frameworks

Django • Flask • Android Studio

• Jupyter Notebooks • Linux/Ubuntu

Familiar:

Beautiful Soup • Selenium

• Google Cloud Platform

### OTHER SKILLS

Data Mining

Web Scraping

Content Writing

## EXPERIENCE

### PASSBIRD RESEARCH INC. | DEVELOPER INTERN

April 2021 – Jun 2021

- Created several landing pages and an app along with back-end logic to store data of the user.
- Developed a small-scale referral system for the product.

### ROLLINOW | FULL STACK DEVELOPER - INTERN

Dec 2020 – Mar 2021

- Worked on website and app for an on-demand media startup that adds a unique Dimension to the entertainment industry
- Worked on an intelligent movie recommendation system using ML
- Wrote and reviewed code for Back-End using Python and Flask
- Wrote and reviewed code for Front-End using HTML, CSS and JavaScript.

### SASHI.DO | PROJECT INTERN

Nov 2020 – Jan 2021

- Worked on an ML Android App that can detect pneumonia using Radio-graphic X-Ray Films and can further detect if the pneumonia is Viral or Bacterial (If Detected).
- Used SashiDo and Firebase for Push Notification Features.

### DECARTEM | FULL STACK DEVELOPER- INTERN

Aug 2020 – Sep 2020

- Worked on Pre-Alpha release of a School Management System
- Developed and worked on different Views - Student - Parent, Teacher and Admin.
- Wrote and reviewed code for Front-End using HTML, CSS and JavaScript.

## PROJECTS

### TWEETILYSE | TWITTER SENTIMENT ANALYSIS

Jul 2020 – Aug 2020

Tweetilyse is a simple flask web app to analyse tweets of a given user. The tweets are analyzed using different python libraries and the website is hosted on Heroku.

Project Link: <https://tweetilyse.herokuapp.com/>

### STOCK PILE PEER | STOCK PRICE PREDICTION

Jun 2020 – Jul 2020

Stock Pile Peer is a simple flask application that uses Machine Learning to predict the stock price of a given company. I've deployed a lite version of this web app on the google cloud platform for a basic overview and technical know-how.

Project Link: <https://bit.ly/StockPilePeer/>

### INTELLIGENT CUSTOMER HELP DESK

#### SMART DOCUMENT UNDERSTANDING

May 2020 – Jun 2020

A customer care dialogue skill in Watson Assistant that uses Smart Document Understanding to build an enhanced Watson Discovery collection. We created an IBM Cloud Functions web action that allows Watson Assistant to post queries to Watson Discovery.

Project Link: <http://bit.ly/ICHWSU>

## AFFILIATIONS

### STUDENT MEMBER

NATIONAL SOCIETY OF  
PROFESSIONAL ENGINEERS  
Mar 2020 - Oct 2022  
CREDENTIAL ID: 300741241

### STUDENT MEMBER

SPACE AND SATELLITE  
PROFESSIONALS INTERNATIONAL  
Mar 2020 - Jun 2021  
CREDENTIAL ID: 33259097

## VOLUNTEER EXPERIENCE

### CRY - CHILD RIGHTS AND YOU | SHORT TERM VOLUNTEER

Oct 2020 - Dev 2020

- Learned and helped spread awareness regarding Child Rights. Created content for kids and helped raise money for the same cause through online fundraising.

### AIESEC, ARKHANGELSK, RUSSIA | GLOBAL VOLUNTEER

Oct 2020 - Dev 2020

- AIESEC Leadership Development Experience through a Global Volunteer opportunity tackling the Sustainable Development Goal, Good Health And Well Being.

## ACCOMPLISHMENTS

### MAKEATHON 3077 | FIRST RUNNER UP

Mar 2021

- Worked on a one-stop incentivised solution for all academic-related resources and doubts for students.
- Developed and worked on implementation of a low level blockchain
- Wrote and reviewed code for the website

### SACHACKS III | SECOND RUNNER UP - BEST SACRAMENTO HACK

Mar 2021

- Worked on an interactive AI assistant that helps people who are blind or visually impaired navigate their environment and perceive the beauty of the world around them.
- Developed and worked on the live implementation of the app

### THAPARWINGS HACKATHON | FIRST RUNNER UP

Oct 2020

- Worked on creating a Smart Web Scraper
- Developed and worked on different Website Structures
- Wrote and reviewed code for Scraper and API to access it

### BAJAJ ALLIANZ LIFE JUNIOR FOOTBALL CAMP | FINALIST

Season 7 – Jun 2016

- Among the top 60 kids to be selected for football camp held at Pune

## EXTRA CURRICULAR

Joint Secretary	Entrepreneurship Cell, TIET (April'20 - Present)
Overall Student Coordinator	TalkItOut