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
Software Engineering
Computer Architecture &
Organisation
Build & Release Management
Machine Learning
Innovation & Entrepreneurship
Advanced Data Structures &
Algorithms

SKILLS

PROGRAMMING
Python • C/C++ • JavaScript
• HTML5 • CSS
Familiar:
Kotlin • SQL

TOOLS/FRAMEWORKS
Django • Flask • Android Studio
• Jupyter Notebooks • Linux/Ubuntu
• Heroku
Familiar:
Beautiful Soup • Selenium
• Google Cloud Platform
• Firebase • React

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 analyze 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/ICHWSDU

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 2022
Credential ID: 33259097

VOLUNTEER EXPERIENCE

CRY - CHILD RIGHTS AND YOU | Short Term Volunteer
Oct 2020 - Dec 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
Jun 2019 - Jul 2019

- 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 block-chain
- 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 - May'21)
Overall Student Coordinator	TalkItOut