Soumallya Dev

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EDUCATION

THAPAR UNIVERSITY
BE in Computer Engineering
Expected Jun 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
System Provisioning & Configuration
Management
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

MORGAN STANLEY | Technology Spring Analyst
Jan 2022 – Now

PASSBIRD RESEARCH INC. | User Experience Engineering 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.

PROJECTS

CAREVIVE | Seizure Detection & Monitoring
Aug 2021 – Dec 2021
Carevive is a simple low-latency seizure detection and monitoring system made on a micro-services-inspired model. The system consists of 3 APIs, a Hardware simulation Web-App and a User Portal for Monitoring and seizure stats.
Project Link: https://github.com/soumallyadev07/Capstone-Hardware-Simulation
User Portal: https://github.com/soumallyadev07/Capstone-User-Portal

IP ADDRESS TRACKER | IP Analysis & Plotting
Jun 2021 – Jul 2021
A simple flask-based application that uses Sawo Labs SDK for OTP-Based passwordless user authentication, IP Address, Location, Timezone, ISP details, and plotting information on an interactive map(Leaflet). The website is hosted on Heroku.
Project Link: https://github.com/soumallyadev07/IP-Address-Tracker
Website Link: https://ip-addresstracker.herokuapp.com/

XANALYSE | Pneumonia Detection
Dec 2020 – Jan 2021
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).
Project Link: https://github.com/soumallyadev07/Xanalyse
Blog Post: https://bit.ly/XanalyseBlogPost

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