

# Soumallya Dev

soumallyadev.live  
dev.soumallya@gmail.com | +91-9821706406

## EDUCATION

### THAPAR UNIVERSITY

BE IN COMPUTER ENGINEERING  
Jun 2022 | Patiala, Punjab

### BAL BHARATI PUBLIC SCHOOL

CBSE - XII | May 2018 | Noida, UP  
PERCENTAGE: 93.2%

### BAL BHARATI PUBLIC SCHOOL

CBSE - X | 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 ANALYST

Jan 2022 – Now

- Optimising our current pipelines for cost reduction, greater flexibility, elasticity, and optimal resource utilization.
- End-to-End portal for Ops Teams to reduce the dependency on Tech Team.

### 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
- Created an intelligent movie recommendation system using Python & ML

## 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>

### 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>

## ACCOMPLISHMENTS

### MAKEATHON 3077 | FIRST RUNNER UP

Mar 2021

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

Mar 2021

### THAPARWINGS HACKATHON | FIRST RUNNER UP

Oct 2020

### BAJAJ ALLIANZ LIFE JUNIOR FOOTBALL CAMP | FINALIST

Season 7 – Jun 2016