Soumya Agrawal

Interested in making a career in graphic designing and computer science

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LinkedIn

EDUCATION

Jabalpur Engineering College

Aug 2019 – Present | Jabalpur

B.Tech in Electronics and Telecommunication Engineering
CGPA - 8.71

Joy Senior Secondary School

2016 – 2018 | Jabalpur

High School
84.2% in 12th CBSE Board

SKILLS

Programming Languages

- Python
- Java Script
- C/C++

Frameworks & Libraries

- Spring Boot
- MERN Stack
- PostgreSQL
- Tailwind CSS
- JUnit & Apache JMeter

Other skills

- Git
- Graphic Designing

EXTRA CURRICULAR

- Community team works
  - painted government schools
  - made visual aids for school children
- Management Committee member – AAVAHAN (College Sports Fest)

EXPERIENCE

GOLDMAN SACHS – *Summer Analyst*

May 2022 - July 2022 | Bengaluru, India

- Implemented Caching for APIs in SingleStore to reduce the response time by ~20 times.
- Worked with Spark Graphx Pregel Algorithm.
- Performed JUnit, integration and performance testing.
- TECH STACK – Spring Boot, Scala, JMeter, SingleStore.

PROJECTS

Training & Placement Website – *self Project (Ongoing)* Github

- Web application developed for college TPO to automate tasks like:
  - Placement related notices
  - Student verification
  - Job application manager
- TECH STACK
  - **Backend** – Node.JS(express), PostgreSQL
  - **Frontend** – React, Tailwind CSS

ELYTRA – *self Project (Ongoing)* Github

- An open-source chatting application developed to work on an easy-to-host local server.
- TECH STACK
  - **Backend** – Node.JS, PostgreSQL
  - **Server** – ejabberd (xmppjs)
  - **Frontend** – React, Tailwind CSS

IoT PROJECTS

- #### Home Automation – *Cetpa Infotech Pvt Ltd (guided, summer 2020)*
  - Project to control home appliances using cloud service APIs.
  - Used Arduino as gateway, various cloud service platforms like IFTTT, ThingSpeak; operated the project with MQTT protocol.

- #### Water Tank Automation – *Minor Project (guided, summer 2022)*
  - Automated operation of water pump to refill tank as per water level; preventing wastage of water.
  - Used Arduino as gateway, Hall-effect and water level sensors and relay.