

SOUMIL SINGH

+91 9079020960 / soumil345cs@gmail.com / LinkedIn / GitHub / Portfolio

EDUCATION

Manipal University Jaipur

B.Tech in Computer and Communication Engineering; **CGPA: 7.44**

July 2020 – June 2024

Jaipur, India

EXPERIENCE

Chambal Fertilisers and Chemicals Limited

Apr 2024 – Jul 2024

Internship

Kota, India

- Developed and customized 4 enterprise applications using **Python**, **SAP ABAP** and **Excel** to automate logistics and reporting workflows within the **SAP ERP** environment.
- Engineered custom programs and interfaces that streamlined data processing, reducing manual intervention and improving processing time by **20%**.
- Leveraged **SQL** and **SAP tools** to optimize workflows, achieving a **15%** increase in operational efficiency while ensuring data accuracy.

Team Computers

Jun 2023 – Aug 2023

Project Internship — Weather Based Alert Automation

Remote

- Researched and evaluated 4 weather APIs for accuracy, coverage, costs and integration requirements.
- Developed a backend using **Node.js** and **Express.js** with **REST API** endpoints to fetch, process and distribute weather data.
- Built a responsive dashboard using **React.js** and **JavaScript**, **CSS** and **HTML** for realtime weather alerts.
- Automated the alert trigger mechanism using **Python scripts** and integrated workflows with **Postman** and **Git**.

PROJECTS

Sortify – Sorting Visualizer / React.js, JavaScript, SCSS and Framer Motion

May 2024 – August 2024

- Built a responsive web application using **React.js** and **SCSS** to visualize six sorting algorithms with realtime animations.
- Added interactive controls for array size, animation speed and algorithm selection to enhance user engagement and learning experience.
- Displayed algorithm information including time complexity and space complexity for each method; deployed globally on **Netlify**.

TECHNICAL SKILLS

Languages, Frameworks & Libraries: Python, C++, JavaScript, SAP ABAP, HTML5, CSS3, SCSS, React.js, Node.js, SAP ERP, Express.js, Next.js, Tailwind CSS, REST APIs

Tools & Platforms: Git, GitHub, Power BI, AWS (S3), SQL, Postman, Advanced Excel

ACHIEVEMENTS

- CodeChef**, **LeetCode**, **GeeksForGeeks** — Solved 600+ problems in total.
- Selected as a delegate for **HPAIR 2022 Conference**, one of 700 delegates from 25,000+ applicants worldwide.
- Earned **Salesforce Developer Superset Certification** through a Virtual Internship; gained expertise in CRM operations, Apex programming and Application Testing.

CERTIFICATIONS

- Deep Learning Specialization
- AWS Academy Cloud Foundation
- PCAP: Programming Essentials in Python
- Cisco CCNA v7
- Cisco Networking Essentials
- Salesforce Developer Superset

VOLUNTEERING

- Hack2Skill Series Volunteer: Assisted in organizing the event for 1000+ students with top tech professionals from Google, Amazon, Apple, Jio and Meta. Managed social media outreach and promotions, increasing event signups by 30%. **Certificate**
- MUJ Industry Leadership Summit 3.0, Liaison Officer: Coordinated travel and accommodation for HR leaders; facilitated networking sessions and managed event logistics. **Certificate**