

SUMMARY

A total of 1.5 years of experience in the field of software development with daily tasks including design analysis based on business requirements, coding, testing, documenting and then pushing files to respective environment branches through git.

PROFESSIONAL EXPERIENCE

Assistant System Engineer

Nov '19 - Present

Tata Consultancy Services

Kolkata, IN

Product: A web application that would work as an underwriter platform for the country's leading client in the field of Insurance.

Backend: Java

Frontend: JavaScript

Database: PL/SQL

- Created the complete premium design for the product and integrating it to calculate premium based on data from customer.
- Worked on the development of multiple covers, hierarchy and the business logic as per the regulation from **IRDAI**.
- Created multiple sets of table and made complete architecture for the data to be linked.
- Each functionalities developed was made sure that it worked properly in **sync with core and the portal**.

Product Development

- Worked on multiple domains, such as accounting, underwriting and finance.
- Single handedly **delivered ~ 30+ features** in a single year.

INTERNSHIPS

Front End Web Developer

Jun '18 - Aug '18

Engima Digital

New Delhi, IN

- Worked as a **Web Developer Intern** to develop web pages by using scripting languages, overlooking some designs.
Front End: Word Press, JavaScript, HTML.

PROJECTS

Vaccination Availability

- This project was developed to book slots on the **CoWin** portal in order to get yourself vaccinated.
- Since, finding slot was a difficult task as it has no specific time as to when it would start.
- This project helped me and many of my friends and family members book slots and not to keep waiting for the slots to open.

Backend: Python, API

IDE: PyCharm

Architecture: This was a simple code written in python which would help to fetch data through a public **API**.

Messaging Service: **SMTP** was used to send the E-mail notification to users who wanted to book slot.

Requirements: Pin Code of User, Email Address of user

URL: <https://github.com/iamsurajsingh/VaccineAvailability>

Android Based Real Time Chat Application

- This chat application was developed as a Final Year Project.
- The major difference included a **request method** where the person needed a request to be approved from other end.

Frontend: Android Studio

Backend: Firebase

KEY SKILLS

Software Development

Unit Testing

Agile Methodology

Code Optimization

Documentation

Coordination

Troubleshooting

Automation

Defect Fixing

EDUCATION

Noida Institute of Engineering and Technology B.Tech (Information Technology) <i>One of the ranked colleges under AKTU</i> <ul style="list-style-type: none">Scored an over all percentage of 69.10	Aug '15 - Jun '19 Greater Noida, IN
SD College XII (Science) <ul style="list-style-type: none">Scored an over all percentage of 74.00	Mar '14 - Feb '15 Gaya, IN
Creane Memorial School X <i>The best school of the district in terms of education.</i> <ul style="list-style-type: none">Scored an over all CGPA of 9.0	Mar '11 - Mar '12 Gaya, IN

TECHNICAL SKILLS

- Languages:** HTML, JavaScript, C++, PL/SQL
- Fundamentals:** Data Structures and Algorithms
- OS:** Windows, Mac
- Software:** Eclipse, Visual Studio Code
- Database:** PL/SQL Developer

CERTIFICATIONS

- JavaScript Essential Training**, by LinkedIn Learning. Mar'21