SNEHA CHAUHAN

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PERSONAL STATEMENT

I am a third-year computer engineering student of B.Tech at Zakir Husain College of Engineering and Technology, AMU, Aligarh, U.P India,. My cumulative grade point average is 9.357 (out of 10). I am a highly competent software developer with proven expertise in the fields of web and android applications development and coding.

QUALIFICATIONS

Zakir Hussain College of Engineering and Technology, AMU   Aug 2020-May 2024

Bachelor of Technology in Computer Engineering (B.Tech)

Current CPI: 9.357

Women's Polytechnic, AMU   July 2017-July 2020

Diploma in Computer Engineering

Percentage: 89.53

G.D. Public Sr. Sec. School, Aligarh   Apr 2017-Mar 2018

Senior Secondary Certificate (**School Topper)**

Science, Social Science, Mathematics, English, Physical Education, Hindi

CGPA: 10

SKILLS

- **Mobile App Development** – Android Studio, Java, Kotlin, XML
- **Web Development** – React.js, JavaScript, HTML, CSS, APIs Integration
- **Others** –C, C++, Python, OOPs, MySQL, Data Structures and algorithm
- Good understanding of **Algorithms** and proven performance on problem solving on coding platforms like Hackerrank, GeeksforGeeks and CodeChef.
- Solved 100+ coding problems on coding platforms like Leetcode.
- Confident **communicator** and presenter

WORK EXPERIENCE

CodeChef Club   June 2021 – April 2022

Social Media Manager

○ Designed and tested problems for coding contests, made Social Media Posts for platforms like Instagram and Linkedin and organised orientation ceremonies to address freshers about technology awareness.

StoneAdda Intern   April 2022 – July 2022

Web Application Frontend Developer Intern

○ Designed various responsive webpage layouts using technologies like HTML, CSS and ReactJs.

○ Improved coding of CSS existing web applications to enhance functionality and user experience.

○ Proactively liaised with the design team and project manager to ensure efficient and timely delivery of significant projects.

○ **Used:** React.Js, HTML, CSS, JavaScript.

Google Developer Students Club   September 2021 – Present

Core Team Member

○ As a Core Team Member , I planned, developed and implemented educational events for students to enhance retention like Introduction to UX design, contribution in open source and many more.

○ I was selected as a part of the GDSC team in April 2022 where I developed leadership and teamship qualities in me and managed various events flawlessly.

HIGHLIGHTED PROJECTS

Sorting Visualizer

A web application called Sorting Visualizer allows users to visualise a variety of sorting algorithms, including Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, Merge Sort, and Heap Sort. With the capabilities of processing speed control and array size control. The algorithms sort the data by arranging the smallest elements on the left and the largest ones on the right, with each data element displayed as a bar. I used my understanding of data structures and algorithms to construct this application using HTML, CSS, and Javascript. Visit here to know more : https://github.com/sneha-chauhan/Sorting-Visualiser

Personal Portfolio Website

A website that showcases my work, accomplishments, and experience. A responsive and dynamic website created with HTML, CSS, Javascript, JQuery, Particle.js, Typed.js and Tilt.js .
Visit here to know more : https://sneha-chauhan.github.io/

Medical App

An Android app developed for PG medical students whose job it is to visit hospital wards on a regular basis and keep track of biomedical waste generated. By selecting the desired choice, they can easily classify wastes into distinct groups. This app was developed on the Android Studio platform utilising Kotlin, XML, and Firebase as the backend for user authentication through phone number and OTP.
Visit here to know more : https://github.com/sneha-chauhan/Medical-App

Travel Guide App

Travel Guide App is a project that aims to develop a computerised system to maintain information about different states' places like historical places, parks, restaurants, etc. in a single place. It has the facility for users to login and then get information about all the states. It also provides the facility to check the way to reach their destination and can check the distance between different places. It saves users from the fatigue caused by going

from one website to another and searching for different places in a particular state. It also tracks the location of the user with the help of the Google Maps API.

Visit here to know more :

https://drive.google.com/file/d/1hQHe44gB8mYbkCox6XdwgPki3wukRNrA/view?usp=sharing

AWARDS AND ACHIEVEMENTS

Secured the position of **"School Topper"** in class 10th.

Awarded scholarship of rupees **5000/-** for being the school topper.

Second Rank Holder in the **Diploma in Computer Engineering Programme** 2017-2020.

Attended IETE Zonal Seminar & ISF Congress on "**ICT for Health and Mankind**" and presented a paper titled "Use of ICT for Healthcare" as Poster Presentation in the technical paper presentation contest.

I have scored **4 stars on Hackerrank** problem solving platform in C and 30 Days of Code.

The first female student from the 2020 batch to be chosen as a team member of the coding club **CodeChef ZHCET Chapter**.

Developed an Android app for PG medical students that won **first place** in the "**Medical**" category of the **Android Study Jam Challenge** organised by the **Google Developer Students Club**.

HOBBIES AND INTERESTS

My hobbies include painting, reading articles and I do competitive programming in my spare time. I love dancing and playing badminton.