SARANSH GUPTA

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EDUCATION

Netaji Subhas University of Technology, Delhi

B.Tech, Instrumentation and Control

📅 August 2019 – Present [Expected: May 2023]

CGPA : 9.31/10.00 (Till Semester 4)

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Ahlcon International School, Delhi

📅 March 2005 – April 2019

Class XII Percentage : 97.00 %
Class X CGPA : 10.0/10.0

WORK EXPERIENCE

Expedia Group

Software Development Engineer Intern

📅 May 2022 – July 2022   📍 Gurugram, Haryana

- Built the **Payment Module UI** from scratch using React, Typescript and Redux.
- Worked on the **Common Payment Module** used across all expedia services.
- Worked on **enhancing logging, building and deploying dashboard and alerts**, fixing bugs and the sprint with team.
- Worked on **integrating saved cards and pay-through wallets** in existing Common Payment Module.

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Bhagwatee Fashions

📅 May 2021 – August 2021   📍 Chandni Chowk, Delhi

- Designed the Online Portfolio for Bhagwatee Fashions.
- Analyzed the product life cycle and provided optimal solutions for day to day problems.

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Chegg

Subject Matter Expert

📅 July 2021 – Present

- Subject Matter Expert for **Statistics** on Chegg.com
- Solved questions asked by students all around the globe.

COURSEWORK

- Computer Programming
- Data Structures
- Algorithms
- DBMS
- Object Oriented Programming (OOPS)
- Operating System

TECHNICAL SKILLS

C   C++   Python   HTML   CSS
JavaScript   Node   Express   Git
MySQL   MongoDB   REST API
React   Redux   TypeScript

PROJECTS

Online Portfolio
HTML, CSS, Javascript
- Online Portfolio built using HTML, CSS and Javascript.
- Implemented custom background using vanilla Javascript which is stored in a local storage and reloaded when user revisits the website.
- Github - Saransh144/my-portfolio
- Website - saransh144.github.io/my-portfolio/

To-Do List
HTML, CSS, Javascript, React
- A To-do List with functionalities for adding, marking tasks done and maintaining record of all tasks.
- Implemented **Service Worker** to manage a cache of responses in case the user is offline or on slow network. Maintains list of all tasks on reload.
- Github - Saransh144/todo-list-react
- Website - saransh144.github.io/todo-list-react/

BlackJack Game
HTML, CSS, Javascript, React, Typescript
- A BlackJack card game built using React and Typescript.
- Github - Saransh144/blackjack-react-game
- Website - saransh144.github.io/blackjack-game/

Miniaturized Pulse Oximeter
Microcontrollers, Sensors
- Designed Miniaturized **Pulse Oximeter** with integrated Wi-Fi module (ESP8266) and display screen.
- Implemented Database and developed a data model for calculating Blood Pressure using Deep-Learning.
- Worked on the database and Oximeter design.
- Project - Design along with Research Paper

ACHIEVEMENTS

- 🏆 College Rank in First Year : 1
- </> CodeChef August Cook-Off 2021 Div 3 Rank 65/6124
- </> CodeChef August Challenge 2021 Div 3 Rank 242/25731