


VANSHIKA SAHOTRA

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[GeeksforGeeks](#) [Leetcode](#) [Codechef](#) [HackerRank](#) [Github](#)

EDUCATION

National Institute of Technology, Jalandhar

2019 – 2023

Bachelor of Technology, *Electronics and Communication Engineering*

CGPA 7.53

Sri Guru Harkrishan Public School, Pathankot

2016 – 2018

Class XII

Percentage: 88.4%

EXPERIENCE

NINELEAPS

27th November 2023 - Present

Software Developer Trainee

- Working on the implementation of Carpooling web application using react and Springboot
- Authenticating a system where users are required to prove their identity before gaining access
- Encourage user engagement by implementing a rewards system for active participation.

EXPOSYS DATA LABS

1st June 2022 - 15th July 2022

Web Development Intern

- Worked on the implementation of Video Chatting Website.
- Been the part of weekly meetings in which major discussion was on current progress of the project
- Learnt about Web Real Time Communication and it's implementation using peer.js and socket.io.

PROJECTS

MEET-UP (Group Project) | *Node.js, express.js, socket.io, Peer.js, Bootstrap*

June 2022 - July 2022

- Video Chatting Website with audio, video and messaging features.
- HTML, CSS and Bootstrap for creating the video-grid and chat-window section of the front end.
- Node.js, Express.js for creating server and socket.io for communication between the server and server.

PROSHOP | *React.js, Node.js, Express.js, React-Bootstrap, MongoDB, Redux*

November 2021 - December 2021

- Non-Admin users having options from surfing products to placing orders where as Admin-User having additional privileges of updating all orders, users, products and deleting products.
- User-Authentication feature established using hashing function of the bcrypt Node library.
- User-Authorization with protective Middlewares between router calls on server side.
- PayPal API for accepting payments through sandbox account.
- Used Bootswatch's LUX theme for Styling and react-bootstrap for frontend.
- Integrated Redux for Store Management.

SORTING VISUALIZER | *html, css, Javascript*

October 2021 - November 2021

- It is a web app for visualizing bunch of different sorting algorithms like Quick sort, Merge sort, Selection sort, Bubble sort, Insertion sort
- With the functionality of speed control and Array size control.

TECHNICAL SKILLS

Languages: C/C++, HTML/CSS, JavaScript, Java

Frameworks: NodeJS, Bootstrap

Databases: MySQL, Mongo.db

General: Data Structures and Algorithms, OOPs, Operating System, Database Management System

ACHIEVEMENTS

- Solved over 500+ DSA questions on Leetcode and Geeksforgeeks combined.
- Achieved 161th rank in June long two challenge on Codechef.
- Selected in top 500 Publicis Jumpstart over 30k participants
- 5 Star HackerRank in Problem Solving.