

SANDEEP KUMAR

Fazilka, Punjab, India - 152024

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Education

National Institute of Technology, Jalandhar

Bachelor of Technology in Computer Science and Engineering

July 2019 – May 2023

Jalandhar, Punjab

Punjab School Education Board

Intermediate - PCM

March 2018

Fazilka, Punjab

Relevant Coursework

- Data Structures
- Data Analytics
- OOPs
- Operating Systems
- Computer Networking
- Web Development

Experience

Veltris

Software Engineer

June 2023 – August 2024

Hyderabad, Telangana

- Worked on Development of NAC(Network Access Control) feature for Aruba Edge Connect, an HPE product.
- Developed and debugged Command Line Interface (CLI) features, resolving issues to improve functionality and performance.
- Implemented reverse mapping for NAC CLI commands, enhancing system accuracy and command traceability.
- Developed APIs to handle the deletion of interfaces and roles, ensuring data integrity, secure resource management, and prevention of unauthorized access.
- Tech Stack: C/C++, Linux, JIRA, Git, Bitbucket, GDB, JavaScript.

Projects

Decentralized Voting System | *Flutter, Dart, Solidity, MetaMask, Ethereum*

January 2022

- A Decentralized Application in Flutter: An online voting system is a software platform that allows groups to securely conduct votes and elections.
- We build a smart contract for voting. The owner of the election is eligible to add candidates and voters into the system.
- We will verify a user and the number of times a user can vote. We will create a smart contract in Solidity and deploy it within our application using Flutter.
- Tech Stack: Flutter, Dart, Solidity, MetaMask, Ethereum.

Billing Payment System | *C++*

October 2020

- The Billing Payment System is built with the use of Object Oriented Programming (OOPs) concepts.
- Implemented a user-friendly interface that allowed customers to browse and select items, add them to the cart, and dynamically calculate the total cost, providing a seamless shopping experience.
- Tech-stack: C++, Object Oriented Programming (OOPs).

Technical Skills

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

Developer Tools: VS Code, BitBucket, MobaXterm

Technologies/Frameworks: ReactJS, Linux, JIRA, Git, GitHub

Volunteer Experience/Extracurricular

PRAYAAS SOCIETY

NIT Jalandhar

October 2019 – May 2023

- PRAYAAS at NIT-Jalandhar empowers students from slums and impoverished backgrounds through free education, providing two hours of daily guidance. For more info, visit: <https://www.nitj.ac.in/clubs/prayas.html>