

# Priyanshu Sarkar *Full-Stack Developer*

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## Skills

### Proficient Languages

C++, TypeScript, JavaScript, SQL, HTML, CSS

### Other Languages

Python, Java, C

### Front-end Tools & Technology

Angular, Angular CLI, React, Jest

### Back-end Tools & Technology

Postman, VS Code, Jupyter Notebook, Turbo C++

## Education

**Bachelor of Engineering, NITTE Meenakshi Institute of Technology (ECE)**

CGPA - 7.75

2019 – 2023

Bengaluru

**Secondary and Higher Secondary, Kendriya Vidyalaya AFS Sulur (PCM + CS)**

10th CGPA - 10/10

12th Percentage - 91%

2016 – 2019

Coimbatore

## Professional Experience

**Software Engineer Intern, Micro Focus**

(Angular, REST APIs)

02/2023 – 08/2023

Bangalore, India

- After two weeks of learning, worked in a two-man team for developing a hypervisor integration related restore feature of the product on web UI for POC to perform granular recovery of files/folders by mounting the disk of a backed-up VMware onto another.
- Also, worked on the rapid production-level web UI development of the same feature post-POC review to boost the value and growth of the product.

## Projects

**Portfolio Website, Full-Stack**

A React application of my Portfolio.

- Developed the UI for my website using **React**
- Used **Node.js** to provide server
- Created APIs using **Express.js** to use with Node.js
- **CORS** to access React and Node applications on the same port

**Tic Tac Toe, Back-End**

Throwback to a game we all loved and played as children.

- Developed a portal for Player Vs CPU game
- The program plays and calculates the game till the end point at every CPU turn to arrive at the best possible move using **backtracking** in **C++**
- CPU never loses

**Supermarket, Back-End**

A complete implementation of a supermarket portal as an admin/customer using **File handling** in **C++**.

- As a admin, user can add, delete or modify items in the store
- As a customer, user is allowed to choose the required items and get a bill for it.

## Certifications

**Introduction to Internet of Things, NPTEL (Elite)** • **The Joy of Computing using Python, NPTEL (Elite + Gold)**

**Java Programming: Arrays, Lists and Structured Data, Coursera**

**Java Programming: Solving Problems with Software, Coursera**

**Data Base Management System, NPTEL (Elite + Silver)**

**Fundamentals of Linux & Data Analytics Workshop, VOIS**