





# Kaustubh Pathak

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## EDUCATION

### Medi-Caps University, Indore, India

Bachelors of Technology in Computer Science and Engineering

2019-2023

CGPA: 8.49

### 12TH CBSE

Jai Acadmey ,Jhansi

2018-2019

Percentage- 73.60

## EXPERIENCE

### Tata Steel

Software Engineer Trainee

- Developed robust APIs using Node.js to seamlessly integrate SQL Server and SAP databases, enabling efficient data access and retrieval for improved cross-functional collaboration and decision-making within the organization.
- Developed user-friendly interfaces using React and Next.js.
- Utilized ABAP programming for SAP database optimization, alongside working with SAP BW HANA and SAP Fiori for efficient data handling and interface design.

### SISTMR Australlia

Research Intern

- Developed proficiency in cybersecurity techniques and methodologies.
- Hands-on experience with Kali Linux and its comprehensive suite of cybersecurity tools.
- Explored and tested crucial networking and hacking concepts, effectively applying them in real-world scenarios.

## PROJECTS

### IT Support Ticketing System

*Nextjs, Reactjs, Nodejs, MongoDB, Tailwind CSS*

[View Project](#)

- Developed an IT support ticketing system for easy ticket creation, management, and tracking. Tickets include issue type, date/time, description, priority (1-5), and status (started, not started, done), with a progress bar for visual tracking.

### Hotel Rooms Booking App

*Node.js, MongoDB, Express.js, React.js*

[View Project](#)

- Created a full MERN stack booking application for personal use, allowing reservation of hotel rooms across different locations. Managed a database of 50+ hotels and processed over 100 bookings with efficient CRUD operations.

### Finance Chatbot using RASA Framework

*Python, RASA, Rapid API, Machine Learning*

[View Project](#)

- Engineered a finance chatbot using the RASA framework, providing real-time stock prices, market news updates, and explanations of market terminologies to users upon request.

### A Realtime Chat Application

*Node.js, Socket.io*

[View Project](#)

- Developed a dynamic realtime chat application using Node.js and Socket.io, enabling multiple users to engage in simultaneous conversations in real-time.

### Text Utils

*React.js, HTML, CSS, JS, Bootstrap*

[View Project](#)

- Created a user-friendly text utility application using React Hooks, providing features such as word counting, space removal, theme customization, and live text preview to enhance text manipulation tasks.

## ACHIEVEMENTS

### Tech GiG Code Gladiators

Achieved finale rank 738, selected for TechGig Code Gladiators finals by Cognizant.

### TCS NQT

Cleared TCS NQT

### CodeChef

3 Star

### Interview Bit

Rank Under Top 10 of My University

### Geeks for Geeks

Rank Under Top 35 of My University

## TECHNICAL SKILLS

**Programming languages:** C++, C, Python

**Web Technologies:** HTML, CSS, Tailwind CSS, JavaScript, Next.js, React.js, Express.js, Node.js, Typescript

**Operating Systems:** Linux, Windows

**Database:** SQL, MongoDB, SAP

**Other Skills:** API, Git, Docker, Tableau, Machine Learning

## RELEVANT COURSEWORK/CERTIFICATIONS

**Computer Science:** Cisco Certified Network Associate (CCNA), Data Structures and Algorithms(UC San Diego), Git and Github Ultimate guide for Beginners(Udemy), Machine Learning with Python(IBM), Operating Systems, Computer Networks, Database Management Systems(DBMS)