

# RAJU RANJAN YADAV

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in [Linkedin](#)

🐙 [Github](#)

🔗 [Leetcode](#)

🌿 [GeeksforGeeks](#)

## EDUCATION

MIT School of Engineering, MIT ADT University

August 2019 - July 2023

Bachelor of Technology - Computer Science And Engineering; CGPA: 8.05

Pune, India

## RELEVANT COURSEWORK

- Data Structures
- Analysis Of Algorithms
- Machine-Learning
- OOP's
- Operating Systems
- Database Management
- Networking

## TECHNICAL SKILLS

**Languages:** C++, Java, SQL

**Developer Tools:** VS Code, GIT, AWS, Jira, Bitbucket, MongoDB

**Technologies/Frameworks:** Javascript, SpringBoot, Nextjs, HTML, CSS, Angular, Reactjs, NodeJs

## EXPERIENCE

Cyberium Inc

Jan 2023 – Present

Web developer (Angular, Nodejs, HTML, CSS, Wordpress, Bootstrap)

Pune, India

- Developed and launched an innovative event-management application using Flutter for Android and iOS platforms, resulting in a 40% increase in event registrations and a 25% boost in attendee engagement.
- Seamlessly integrated the Stripe payment gateway into the application, ensuring secure and hassle-free worldwide payments.
- Incorporated the Jitsi video conferencing platform into our website using JWT token-based authentication, increasing flexibility and reducing dependence on other platforms like Zoom and Google Meet.
- Developed a supply chain management flow in ERP using the in-house tool Studio, resulting in a more efficient and organized workflow for our organization.
- Adapted the SCM module in our organization's ERP, which was widely adopted by other organizations due to its customizable low-code design.
- Demonstrated a diverse skill set by successfully completing various projects, ranging from HTML form validation to API integration and payment gateway implementation.

## PROJECTS

Dynamic Partitioning of Memory inside RAM using BSTree and AVLTree | Java

Dec 2022

- Developed a highly efficient Java program to simulate dynamic memory allocation and de-allocation routines using Best-Fit and First-Fit algorithms.
- Utilized Linked-List, Binary Search Trees, and AVL Trees to implement allocate, free, delete, and search functions in  $O(\log n)$  time, resulting in optimized memory management and improved system performance.
- Implemented a Defragmentation sub-routine to ensure continuity of free memory spaces and correct allocation of memory, enhancing overall system stability and reducing memory fragmentation issues.

MeloMeet - A video conferencing application | WebRTC, Websocket, HTML, CSS, Javascript

Sep 2023

- WebRTC eliminates any extra delay from the server by establishing a connection and exchanging data between two browsers directly.
- Also with websockets, I established a connection between peers to exchange data in real time like chat messages or notifications.

[\[Live\]](#)

Chizza: Taste is here (Food Delivering website) | HTML, CSS, JavaScript, Next.js, MongoDB, Redux

Aug 2022

- Implemented a comprehensive order management system for Chizza, enabling restaurants to efficiently handle incoming orders, track pizza availability, and monitor order status, resulting in a 50% reduction in order fulfilment time and improved customer satisfaction.

[\[Live\]](#)

## CODING PLATFORMS

- 5 star in Problem Solving on [HackerRank](#) and 2 star in SQL.
- More than 400+ questions solved on [GeeksForGeeks](#), [Leetcode](#) and Interview-Bit.

## CERTIFICATIONS

- Microsoft-98-388:- Introduction to Programming using Java
- Oracle Cloud Infrastructure 2023 Foundations Associate (1Z0-1085-23)
- Introduction to Capital Markets-Corporate Finance Institute (CFI)
- CCNA:- Introduction to Networks