

# RCHI JAIN



Class 12: 90% (2022) | Class 10: 88.93 (2020)

CGPA: 8.16 | 2022 - Present

### **EDUCATION**

**SKILLS** 

**Programming** 

**Web Development** 

# B. Tech in Computer Science & Engineering

React.js, Node.js, Express.js, RESTful APIs

HTML5, CSS3, Bootstrap, Tailwind CSS

Gyan Ganga Institute of Technology and Sciences (NBA Accredited)

CBSE (Class 12 & 10)

JavaScript, Java (DSA), SQL

St. Joseph's Convent Girls S. S. School, Jabalpur

#### **Soft Skills**

Communication, Team Collaboration, Time Management

# **EXPERIENCE**

**Database** 

### **Full Stack Web Development Intern**

MongoDB, MongoDB Atlas, MySQL

# Nullclass Edtech Pvt Ltd | July 2024 - August 2024

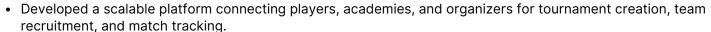
- Engineered scalable front-end and back-end modules for a video streaming platform using MERN stack, enhancing UI responsiveness and ensuring stable session handling across devices.
- Implemented user authentication with JWT, device tracking, and Razorpay payment gateway integration.
- Refactored RESTful API endpoints and improved MongoDB data handling, reducing backend response time.
- Deployed application using Vercel and Docker; resolved critical bugs during staging and production phases.
- Increased platform load speed by 25% and supported a 40% rise in user retention during beta testing.

### **PROJECTS**

# **GameON – Sports Tournament Management System**

Full Stack Developer | Jan 2025 - Mar 2025 | Team Size: 5

Tech Stack: React.js (Vite, Tailwind CSS, MUI), Node.js, Express.js (MVC), Azure SQL Server, JWT, Socket.io

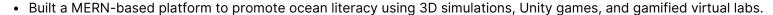


- Engineered real-time updates using **Socket.io** to support live scores and match notifications.
- Built responsive UI with React (Vite), Tailwind CSS, and MUI; used Toastify and react-skeleton for smooth UX.
- Secured backend with JWT, bcrypt, and CSRF protection; used MVC architecture for scalable API development.
- Structured for future analytics and player performance tracking with Azure SQL Server backend.

# Marine Minds - Spreading Ocean Literacy using Gamified Approach

Full Stack Web Developer | Aug 2024 - Dec 2024 | Team Size: 6

Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), Three.js, GSAP, D3.js, p5.js, Blender, Unity



- Created interactive virtual labs with Blender, Three.js, and p5.js to visualize ocean science concepts.
- Integrated 3D models and animations, enabling smooth interactions using GSAP and D3.js.
- Deployed MVP with a cross-functional team during Smart India Hackathon 2024.

### **CERTIFICATION**

- ◆ Full Stack Web Development Apna College (Feb May 2024)
- Java Fundamentals Oracle Academy (Sept Nov 2024)
- ◆ Database Programming with SQL Oracle Academy (July Oct 2024)
- Python Essentials 1 Cisco Networking Academy (July Sept 2024)
- Career Essentials in GitHub GitHub Learning Path (May June 2024)
- Alibaba Cloud Developer Alibaba Group (Sept Dec 2023)

# **EXTRA CURRICULAR ACTIVITIES**

- Led a team of 6 in Smart India Hackathon 2024, building a gamified ocean literacy platform using MERN and 3D tools.
- Presented "Marine Minds" at Shark Tank 3.0 and Mahakoshal Vigyan Mela.
- Participated in HackByte (IIITDM Jabalpur) and Web-a-Thon (TechUtsav, GGITS) to deliver full-stack hackathon projects.
- Contributed to IBM Hack Challenge 2023 as a full-stack developer, implementing real-time collaboration features.
- Outstanding Achievements Award at Lakshya Award Ceremony, Gyanotsav-2025, Gyan Ganga Institute of Technology and Sciences, Jabalpur

# **Core Subjects**

# OOPS, DBMS, OS, Networking, Agile

### **DevOps & Deployment**

Docker, Netlify, Vercel, Render

#### **Cloud & Tools**

AWS, Alibaba Cloud, Git, GitHub



**Live Link** 

**Live Link** 



