

# Vision Jain

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## ABOUT ME

As a 2nd year student with a good knowledge of coding and a deep interest in the endless possibilities of technology. I have a good command in Web technologies and generative AI, and I've been able to create innovative Web Apps and AI ML explorations. My fascination with technology and web has fueled my spirit. Moreover, my interest in research in Data Science drives my academic pursuits. Eager to contribute my skills to real projects, I am committed to expanding my horizons in both technical and research fields.

## EDUCATION

### **SRM Institute of Science and Technology, Chennai**

*Integrated Master of Technology in Computer Science, Specialization in Data Science*

CGPA: 8.5

Expected 2026

### **The Scholars Arena, Udaipur**

2020-2022

*High School (Class 10th and 12th)*

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, JavaScript, HTML/CSS, Tailwind, Java

**Frameworks:** MongoDB, React JS, Flask, Rest-API, Next JS, Node JS, Fast-API

**Developer Tools:** Git, AWS Cloud, Google Cloud Platform, MongoDB Compass, Postman

**Libraries:** pandas, NumPy, Matplotlib, OS, Node Libraries

## EXPERIENCE

### **Technical Lead**

Aug 2023 – Present

*Qwiklabs Developer Club, SRMIST*

Onsite/Hybrid

- Directed and mentored a team of developers, fostering collaboration and achieving project milestones in web development and cloud initiatives.
- Led end-to-end execution of multiple projects, ensuring adherence to timelines, quality standards, and client requirements.
- Demonstrated proficiency in web development technologies such as Next.js, APIs, and cloud platforms including Google Cloud Platform (GCP), enhancing team capabilities and project efficiency.
- Facilitated interdisciplinary teamwork, fostering knowledge sharing, and leveraging diverse skill sets to achieve project objectives.

### **Research Intern**

Feb 2023 – Apr 2023

*Deloitte*

Remote

- Conducted in-depth technical analyses using advanced tools and methodologies to evaluate emerging technologies, industry trends, or specific client requirements.
- Collaborated with technical teams to prototype solutions, develop proof-of-concepts, or evaluate the feasibility of implementing new technologies or processes.
- Utilized programming languages (e.g., Python, R) and data analysis tools to collect, process, and analyze large datasets, extracting actionable insights and trends.

### **Web Development Intern**

Oct 2022 – Nov 2022

*Microsoft*

Remote

- Gained hands-on experience working with various cloud and web technologies such as Microsoft Azure and Next JS, learned how to deploy and manage applications in the cloud, configure virtual machines, set up network and security features, and utilize cloud storage solutions.
- Worked closely with other members of the cloud team, including developers, system administrators, web developers, and project managers.

### **Cherry+ Network**

Aug 2022 – Mar 2023

*SRM Institute of Science and Technology*

Onsite

- Collaborating with a team of web developers and professionals on projects focused on Web, Cloud and different technologies.
- Created Client Projects based on real time data management and data analysis on different platforms.
- Assisted in mentoring new members and providing guidance on technical skills.

## PROJECTS

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### **AgricFarm** / *Next JS, Tailwind, NodeJS, React, Flask, MongoDB, Git*

- solve the problem of contaminated dairy products by supplying A+ quality of food and milk products to health-conscious people.
- Worked on a big dataset of around 2 Lakh records and with 35 distinguished and inclusive features.

### **E-commerce Platform Enhancement** / *React, Node.js, RESTful APIs, Git*

- Developed a scalable e-commerce platform utilizing React for frontend development and Node.js for backend services, ensuring optimal user experience and seamless transactions.
- Collaborated with a cross-functional team to integrate responsive web designs, facilitating user engagement across various devices and browsers.
- Conducted rigorous testing and optimization techniques, resulting in a 25% improvement in application performance and enhanced user satisfaction.

### **Real-time Chat Application** / *React, Node.js, Socket.io, MongoDB, Git*

- Developed a real-time chat application using React for the frontend and Node.js with Socket.io for backend services, enabling instant messaging capabilities and seamless user interactions.
- Conducted comprehensive testing and debugging to identify and resolve performance bottlenecks, resulting in a 30% increase in user retention and satisfaction.
- Implemented MongoDB to manage user data and chat histories, ensuring data persistence and scalability as the user base grew.

## RESEARCH INTERESTS

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### **Machine Learning for Fraud Detection and Risk Assessment**

- Advanced Machine Learning Models: Implementing supervised and unsupervised machine learning algorithms to detect fraudulent activities, anomalies, and suspicious patterns in financial transactions.
- Real-time Monitoring: Utilizing machine learning algorithms for real-time monitoring of transactions, identifying and mitigating risks, and ensuring compliance with regulatory standards.
- Impact: Strengthening security infrastructure, minimizing financial losses due to fraudulent activities, enhancing user trust, and ensuring a secure and reliable payment ecosystem.

### **Progressive Web Applications (PWAs) and Responsive Design**

- PWA Development: Exploring technologies like Service Workers, Web App Manifest, and Indexed DB to develop Progressive Web Applications (PWAs) that offer app-like experiences, offline accessibility, and seamless performance.
- Responsive Design Principles: Implementing responsive design principles, flexible grids, media queries, and fluid layouts to create web applications that adapt and optimize content for various devices, screen sizes, and orientations.
- Impact: Enhancing user engagement, accessibility, and satisfaction by delivering responsive, accessible, and user-friendly web applications, driving growth, and success in the competitive fintech landscape.

## CERTIFICATIONS

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### **AWS Academy Machine Learning Foundations**

*Aws Academy*

- [Link to Certification](#)

### **Google Data Analytics Specialization**

*Coursera*

- [Link to Certification](#)

### **HTML, CSS, and JavaScript for Web Developers**

*Johns Hopkins University*

- [Link to Certification](#)

## LEADERSHIP POSITIONS

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**Qwiklabs Developer Club:** Lead Organiser and President

**Cherry+ Network:** Ex-Technical Associate