

# Vishal Sharma

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## Education

Indian Institute of Information Technology, Nagpur

Expected : June 2026

- B.Tech Computer Science and Engineering GPA: 8.5/10.0

## Experience

Open Network for Digital Commerce, ONDC

December 2024 - Present

Software Developer Intern

Delhi(Remote)

- Developed an **ONDC-compliant Shopify adaptor** using **Golang**, along with a **React.js** admin dashboard, enabling the integration of 10,000+ sellers into the network with **Scalable Architecture**
- Designed and implemented **API translation** between ONDC and Shopify, **streamlining data exchange** for order processing, product search, catalog sharing, and post-order workflows, **reducing integration complexity by 40%**
- Architected a **gRPC-based microservices** communication system **boosting system efficiency by 30%**

AyanWorks

June 2024 - August 2024

Software Engineer Intern

Pune, India

- Constructed a secure **Nestjs RESTful API** using **TypeScript** for verifiable credential verification on **blockchain**, **reducing unauthorized access attempts by 40%**
- Refined **database performance** through **query optimization**, **improving query response time by 15%**
- Streamlined team collaboration using **Agile methodologies** and **Git**, **increasing sprint delivery efficiency by 20%**

Samagra

April 2024 - May 2024

Open Source Developer

Delhi(Remote)

- Implemented **test infrastructure** with **90% test coverage**, focusing on **Unit Testing**, **E2E** and **Functional Testing**
- Collaborated to provide **Bun.js runtime support**, **optimizing performance** and **improving execution speed by 25%**

## Projects

Chrysalis: Document Collaboration Platform | Next.js, Node.js, AI Integration

[Live](#) | [GitHub](#)

- Built a **real-time collaborative document editor** with **AI-powered features** for **40% faster content delivery**
- Implemented **WebSocket-based multi-user synchronization** with **supporting 10+ peak users**

SmartPrep: AI-Powered Interview Simulator | React, Postgres, Redux, GPT-3

[Live](#) | [GitHub](#)

- Developed an **AI-driven interview preparation tool** with **feedback** generating questions with **80% accuracy**
- Engineered **global state management** using **Redux** for **seamless performance and consistency**

Pragya Chatbot: AI-Driven EdTech Solution | Vite, MongoDB, Multilingual AI

[Live](#) | [GitHub](#)

- Built an **embeddable AI chatbot** with **multilingual speech recognition** at **90% accuracy** expanding accessibility
- Achieved **<5 KB script tag** integration for **performance optimization** reducing load on native website

## Achievements

- Secured **AIR 220 in Meta Hacker Cup 24** among **50,000+ participants**
- Solved **450+ Data Structures and Algorithm problems**
- Mentored **500+ students** with **6+ technical workshops** as the Technical Co-Lead at Google Developers Group

## Skills

**Languages/Frameworks:** C, C++, JavaScript, React, TypeScript, Golang, gRPC, Next.js, Express.js, Node.js, Python, SQL, NoSQL, HTML, CSS, Java

**Tools/Platforms:** Git, MongoDB, Redis, Docker, Cloud, Bootstrap, Heroku, Unit Testing, Linux, AWS EC2

**Academic Coursework:** Object-Oriented Programming, Operating Systems, Database Management Systems, Data Structures and Algorithms, Web Development, Computer Networks, Software Engineering, Business Economics