

# Vivek Kumar Garg

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📍 Jaipur, Rajasthan

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## Professional Summary

Computer Science undergraduate with strong full-stack development skills, leadership experience, startup exposure, with 2+ years of hands-on project and internship experience. Built and deployed scalable web applications; mentored open-source contributors across multiple tech communities. Focused on delivering AI-driven solutions that enhance real-world outcomes and empower communities. Strong GitHub portfolio with 15+ projects, mentoring experience, and contributions to open-source communities.

## Work Experience

### IndoMate • Startup Founder (Nov 2024 – Present)

- Building a patented SOS security application aimed at enhancing user safety.
- Received pre-incubation approval among 30+ startups from Atal Incubation Centre, MUJ.
- Leading the development and pitching the solution at 5+ national innovation events.

### Software Developer Intern – SDC, MUJ (May 2024 – Present)

- Built a scalable EMS platform projected to reduce elective-related administrative overhead for 10,000+ students.
- Collaborated with faculty for real-time feedback and deployment.

### Campus & Community Involvement:

- Mentor – GirlScript Summer of Code 2025 (July 2025 – Present)
- Campus Ambassador – Unstop (Aug 2025 – Present)
- Web Development Co-Lead – GDG MUJ (Oct 2024 – Present)
- Technical Head – International Student Cell (ISC), MUJ (Oct 2024 – Present)
- Team Head of Web Development – MUJ ACM SIGAI (Jun 2024 – Sep 2024)
- Web Developer – MUJHackX 2.0 (Jun 2024 – Sep 2024)
- Contributor – GirlScript Summer of Code (Extended Edition) 2024

## Education

### BTech. in Computer Science

Manipal University Jaipur

◦ CGPA: 9.46

2023 – Present

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## Projects

### StockAnalyzerApp – AI-Powered Stock Learning Tool

An AI-powered stock analysis platform featuring AI Text, Voice, and VideoChat to help users learn trading in a risk-free environment. Integrated 9+ software tools, including a payment gateway for premium features. [Website](#) | [Demo Video](#)

### PayPaglu – Web3 Transaction Dapp

Developed a decentralized application enabling seamless crypto transactions via QR code scans, phone numbers, or usernames, with an average processing time of under 5 seconds by eliminating the need for lengthy wallet addresses. [Website](#) | [Demo Video](#)

### GreenGarv – Fullstack Sustainability Platform

A full-stack sustainability platform featuring 6+ eco-focused modules, including recyclability detection, carbon tracking, and an eco-store, aligned with the principles of Reuse, Recycle, and Reduce. [Website](#) | [Demo Video](#)

### GDG Website – Web Dev Co-Lead

Created the GDG MUJ website with responsive UI and accessibility standards in just 2 weeks, leveraging React and 5+ JavaScript libraries. Improved accessibility and responsiveness across 20+ devices/resolutions. [Website](#)

### GitHub Portfolio

60+ repositories, including 15+ full-stack projects, development tools, and open-source contributions. [GitHub](#)

## Achievements

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- 2nd Runner-up – Ennovate Ideathon (E-Summit'25)
- Top 9 out of 200+ shortlisted teams – Startup Conclave: Pitch-a-Thon
- Dean's List – 3 Consecutive Semesters
- Student Excellence Award for Patent Contribution
- Patent Holder & Pre-incubation of Startup by AIC-MUJ

## Certifications

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- Design and Analysis of Algorithms – NPTEL
- Data Structures and Algorithms Using Java – NPTEL
- OOP Using Java – GeeksforGeeks
- DSA Lab – CodeChef
- Postman API Fundamentals Student Expert – Postman
- Database Design, Foundations & Programming (SQL & PL/SQL) – Oracle
- Some other certifications by Scaler and Udemy

## Technical Skills

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**Frontend:** React.js, Redux.js, HTML5, CSS, Tailwind CSS, SCSS, SASS, Bootstrap

**Backend:** Express.js, Node.js, Django, Flask, FastApi, Handlebars.js, EJS

**Blockchain:** Solidity, Web3.js, Ethers.js, Smart Contracts

**Languages:** JavaScript, TypeScript, Java, Python, C, SQL

**Database:** MongoDB, Supabase, Firebase, MySQL, Oracle SQL Developer

**DevOps & Hosting:** Git, GitHub, Netlify, Vercel, Postman, VS Code

**Tools & Workflow:** DBMS, REST APIs, Agile, Scrum, Project Management

**Design & UI:** Figma, Canva, UI/UX

**Soft Skills:** Leadership, Decision-Making, Communication.

## Relevant Coursework & Academic Performance

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**Data Structures & Algorithms (A):** Arrays, Trees, Graphs, Dynamic Programming

**Object-Oriented Programming (A+):** Java, Python, Design Patterns

**Operating Systems (A) :** Process Scheduling, Memory Management, File Systems

**Database Management Systems (A+) :** SQL, NoSQL, Normalization, Indexing

**Computer Organization & Architecture (A+):** CPU Design, Cache Memory, Pipelining

**Design & Analysis of Algorithms :** Complexity Analysis, NP-Hard Problems, Optimization

**Cryptography & Network Security (A):** Encryption, RSA, AES, Blockchain Fundamentals