

Vivek Kumar Garg

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EDUCATION

MANIPAL UNIVERSITY JAIPUR

B.Tech in Computer Science
and Engineering

Expected May 2027 | Jaipur, India

CGPA: **9.37**/10.0 | [Transcripts](#)

Dean's List (5 Semesters)

Student Excellence Award (2x)

COURSEWORK

CORE SUBJECTS

DSA OOP OS DBMS COA AI
DAA CN ML NLP Cryptography
Software Engineering & Design
Information Storage &
Management UI/UX Design
AI & Soft Computing

SKILLS | [View](#)

PROGRAMMING

- JavaScript • TypeScript • C#
- Python SQL • C • Java

FRONTEND

React.js • Redux.js • Tailwind CSS
• Bootstrap • HTML5/CSS3 •
XAML • Electron.js • WPF •
SCSS/SASS • EJS • Handlebars.js

BACKEND

• Node.js • Express.js • Django
• Flask • FastAPI • REST APIs •
PostgreSQL • MongoDB

AI/ML

• RAG Systems • Pinecone • LLM
API Integration • Google AI Studio •
Prompt Engineering • Vector DB
• TensorFlow • Tesseract

TOOLS & PLATFORMS

• Git • GitHub • Postman • Firebase
Supabase • Netlify • Vercel • Figma

BLOCKCHAIN

• Solidity • Web3.js • Ethers.js
Clarinet • Smart Contracts

DevOps

• Version Control • Docker •
Kubernetes

CERTIFICATIONS | [View](#)

Google AI Essentials - Google
Fundamentals of Agentic AI - Microsoft
Stack Full-Stack Bootcamp - RiseIn
C# and DSA - TestDome
Postman API Fundamentals
Student Expert - Postman
SQL & PL/SQL Database Design-Oracle
DSA & DAA (**Top 5%**) - NPTEL
OOP Using Java – GeeksforGeeks

EXPERIENCE

[View Detailed Experience](#)

IndoMate | Founder

Nov 2024 - Present | Jaipur, India

- Founded a patented, pre-incubated security application with 5+ SOS modules
- Presented solution at 7+ national-level innovation competitions (including AICTE National Round)

Cardio Flow Design, Japan | Software Developer Intern

Oct 2025 - Present | Remote

- Built a DICOM viewer application using WPF and C# with 5+ diagnostic tools | [GitHub](#) | [Video](#)
- Building real-time GPU-accelerated compute shaders using WebGPU in an Electron.js desktop application, processing 1000+ parallel threads

SOFTWARE DEVELOPMENT CENTRE, MUJ | Software Developer Intern

May 2024 - Present | Jaipur, India

- Engineered a scalable Elective Management System serving **10,000+ students** | [Live Project](#) | [GitHub](#)
- Tech Stack: React.js, TypeScript, Node.js, Express.js, Prisma ORM, PostgreSQL

FREELANCE FULL-STACK DEVELOPER | Self-Employed

Jan 2025 - Present | Remote

- Delivered **3+ projects** including e-commerce platforms and custom web solutions
- Created custom e-commerce for client with 5+ integrated features | [Live](#) | [GitHub](#)

PROJECTS

[View all Projects](#)

Thread.ai | Real-Time Multimodal AI Interaction Platform

- Engineered a real-time AI conversation system supporting video, voice, vision and context-based understanding | [Demo Video](#) | [GitHub](#)
- Designed 3 interaction modes: Live AI Video Chat, Company Intelligence (RAG with Pinecone) and Vision-based contextual assistance
- Tech: React, Firebase, Pinecone (Vector DB), TensorFlow, Tesseract, Gooley

Stock Analyzer App | AI-Powered Stock Learning Platform

- Developed an AI-driven trading education platform, Integrated **9+ software tools** including **payment** gateway | [Demo Video](#) | [Live Project](#) | [GitHub](#)
- Tech Stack: React.js, TypeScript, Revenue Cat, Tavus, ElevenLabs, Stripe

GreenGarv | FullStack Sustainability Platform

- Built sustainability platform with **6+ eco-modules, geo-located eco-stores**, and food waste reduction tools | [Demo Video](#) | [Live Project](#) | [GitHub](#)
- Tech Stack: React.js, Leaflet.js, TypeScript, OpenMap API, OpenFood API

PayPaglu | Decentralized Payment dApp

- A **Web- 3** app for **secure ETH transfers** and **shared family vaults**
- Implemented QR-based payments with 3 transaction methods on Morph and Sepolia testnets | [Video](#) | [Live Project](#) | [GitHub](#)
- Tech Stack: Solidity, Ethers.js, React, TypeScript, Sepolia and Morph Net

AWARDS

[View Award Certificates](#)

2026 Winner (30k prize)	Technovate Project Expo
2026 Winner (15k prize)	UI/UX – CyberSpace (Live Project)
2026 Winner (10k prize)	404 Fund Not Found (TechFest MUJ)
2025 Winner (70k prize)	MujHackX 3.0 Hackathon
2025 2nd Runner-up (15k prize)	Ennovate Ideathon (E-Summit'25)
2025 Finalist	DigiGreen National Hackathon
2025 Semi-Finalist	Flipkart Grid 7.0
2025 Semi-Finalist	Smart India Hackathon (SIH)
2025 Top 9/600+	Startup Conclave: Pitch-a-Thon
2024 2nd Runner-up (8k prize)	BrandIT 2024 UI/UX Showdown