

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, Gooey

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)

2026 Winner (15k prize)

2026 Winner (10k prize)

2025 Winner (70k prize)

2025 2nd Runner-up (15k prize)

2025 Finalist

2025 Semi-Finalist

2025 Semi-Finalist

2025 Top 9/600+

2024 2nd Runner-up (8k prize)

Technovate Project Expo

UI/UX – CyberSpace ([Live Project](#))

404 Fund Not Found (TechFest MUJ)

MujHackX 3.0 Hackathon

Ennovate Ideathon (E-Summit'25)

DigiGreen National Hackathon

Flipkart Grid 7.0

Smart India Hackathon (SIH)

Startup Conclave: Pitch-a-Thon

BrandIT 2024 UI/UX Showdown