

Raghav Kumar

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Professional Summary

Aspiring Software Engineer and Computer Science student (AI specialization) with hands-on experience in full-stack development, machine learning, and IoT projects. Founder of **Greensort**, a plant-based multi-vendor web platform. Proficient in Python, JavaScript, React, SQL, and MongoDB. Strong foundations in data structures, algorithms, object-oriented programming, operating systems, DBMS, and SDLC. Experienced with Agile workflows, RESTful APIs, cloud platforms (AWS), Docker, and CI/CD pipelines. Seeking Software Engineering internships or new grad roles.

Education

Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence specialization), Vel Tech University, Chennai 2022 – 2026
CGPA: 8.01

Senior Secondary (Class XII), L.N.M.S. College, Birpur Supaul 2019 – 2021
Percentage: 73.8%

Secondary (Class X), Dei Gratia International School, Madhepura 2018 – 2019
Percentage: 79%

Technical Skills

Core: Python, JavaScript (ES6+), C++, SQL, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS, System Design Basics, SDLC.

Web & ML: React, Node.js, RESTful APIs, HTML5, CSS3, Machine Learning, NLP.

Databases: MongoDB, MySQL, DB2.

Tools & Cloud: Git / GitHub, Docker, AWS (basic), CI/CD, Agile / Scrum.

Experience

Founder & Software Engineer, Greensort Chennai 2022 – Present

- Built a multi-vendor plant-based e-commerce web platform using React frontend and Python/Node.js backend APIs.
- Implemented vendor onboarding, product and order management flows, and automated onboarding workflows to improve operational efficiency.
- Onboarded 15+ vendors and 200+ early users through targeted outreach and product iterations.
- Managed version control and CI/CD pipelines to enable reliable, frequent deployments.

AI / ML Developer (Academic Projects), Vel Tech University 2022 – 2024

- Built **Thanos**, an AI speech-recognition agent; achieved 85% transcription accuracy in validation tests.
- Developed **ASTRA – AI Interviewer & Analyzer** (Python, NLP, ML, RESTful APIs) to automate candidate evaluation and produce structured assessment reports.
- Currently building **Cluely**, an ML-driven interactive application for user engagement.
- Designed **COSMORA**, an AI-driven astrology application using Python and ML methods.
- Developed **EDoc – Document Approval System**, a workflow platform for digital submission and faculty e-signature approvals.

IoT Research Intern (Patent Co-Author), Vel Tech University 2023

- Co-developed an IoT motion-sensing security camera prototype and co-submitted a patent with the Government of India.
- Implemented encryption and anomaly-detection algorithms to improve system security and reliability.

Projects & Achievements

- **Relaxi (Patent Published).** Invented a multi-functional alarm sensor device; patent published by the Government of India.
- **Hackathons.** Winner at BITS Pilani Goa (Startup Pitching and Hackathon).
- **Incubatee at Vel Tech TBI.**

Certifications

Marketing Mayhem – BITS Pilani Goa (2023).

Fix the Product – BITS Pilani Goa (2023).

Startup Pitching – Unstop (2023).

Sustainathon – Vel Tech University (2022).

Languages

English (Fluent), Hindi (Native), Bangla (Intermediate), German (Beginner).