# Nitin Singh

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## EDUCATION

**VIT Chennai, India**                                                                              **Expected Graduation :** 2027

B.Tech in Computer Science and Engineering (Specialization: Artificial Intelligence & Machine Learning)        **CGPA:** 8.95

**Vidya Vahini School, Prayagraj, India**

CBSE Board | Class 12th                                                                    2021 - 2022 | 87.6 percentage

CBSE Board | Class 10th                                                                    2019 - 2020 | 87.6 percentage

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## TECHNICAL SKILLS

- **Programming Languages:** Python, C/C++, Java
- **Web Development:** HTML, CSS, JavaScript, React, Node.js, Express.js, EJS
- **Tools & Platforms:** Git, Jupyter Notebook, Visual Studio Code, Linux
- **Core Concepts:** Data Structures & Algorithms · Object-Oriented Design · RESTful API Design · Networking Fundamentals
- **Databases:** SQL, MongoDB

**Soft Skills:** Leadership, Project Management, Team Collaboration, Problem Solving, Time Management

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## PROJECTS

**Hackon Green Marketplace (MERN + ML) (GitHub Link↗)**

- Built a full-stack MERN application deployed on Vercel (frontend) and Render (backend), delivering seamless browsing–to–checkout flows.
- Launched a Curated Green Store with sustainability-graded filters, an interactive Green Dashboard, plus Community Shopping and Package Retrieval (recyclable pickup) features.
- Integrated AI recommendations, an ML-driven delivery-time scheduler (traffic, weather, prefs), and a dual-coin incentive system (Gecko & Canopy Coins) rewarding eco-purchases, recycling, and referrals.

**AgroGuide (GitHub Link↗)**

- Full-stack agri-marketplace linking buyers, contractors & sellers with live weather & market feeds.
- Tech: Node.js, Express, MongoDB, EJS, JS, HTML/CSS, Weather & Gov APIs, Google Maps.
- Features: Job posting, contractor dashboards, secure chat, status tracking & admin control.

**PriceScope(GitHub Link↗)**

- **Developed Python-powered web scrapers** using Selenium (for Amazon & JioMart) and Requests + BeautifulSoup (for Flipkart) to fetch product titles, prices and links; normalized data, deduplicated entries, saved results as JSON and integrated them into the Express app to render comparative pricing across all three platforms.
- Tech Stack: Python, Node.js, Express.js, MongoDB, EJS, JavaScript, HTML, CSS.

**WonderLust** (GitHub Link↗)

- Designed, developed, and deployed a full-stack hotel listing and review platform inspired by Airbnb
- Tech Stack: Node.js, Express.js, MongoDB, EJS, JavaScript, HTML, CSS.
- Features: User authentication, CRUD operations, review and rating system.

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## CODING PROFILES & COMPETITIVE PROGRAMMING

- **LeetCode**: Solved 450+ questions   |   **1896** rating **Knight batch** visit↗
- **CodeForces:** Specialist (1501 rating) visit↗
- **CodeChef:** Three Star Rating (1673 rating) visit↗

## CERTIFICATIONS & COURSES

- **Supervised Machine Learning: Regression and Classification –** Coursera **verify↗**
- **Delta Batch(Full Stack Development)**
- **The Complete Agentic AI Engineering Course (2025) verify↗**

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## EXTRACURRICULAR ACTIVITIES

- **Competitive Coding Department Lead in the CodeChef Club at VIT Chennai.** Organized and led numerous events