

Vijay Perugu

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EDUCATION

Vasireddy Venkatadri Institute of Technology

B.Tech in Artificial Intelligence and Data Science - 8.6/10

Oxford Junior Collage

Physics, Chemistry, Mathematics - 91.7%

Nambur, Andhra Pradesh

Oct. 2022 – June 2026 (Expected)

Narasaropeta, Andhra Pradesh

Aug. 2020 – July 2022

PROJECTS

Drawsaurous – Multiplayer Drawing Game | *MERN Stack*

May 2025

- Created a real-time multiplayer drawing and guessing game inspired by Drawsaurous. Used Socket.io for low-latency bidirectional communication between players. Implemented drawing synchronization using HTML5 Canvas and WebSocket events. Built lobby management, word generation, and turn-based logic. Developed intuitive UI with React and handled game state using context API.
- [Github link](#)

Carpooling Web Application | *MERN Stack*

May 2025

- Built a full-stack carpooling platform to connect users with similar travel routes. Implemented real-time ride listings, user authentication, and role-based access (driver/rider). Integrated Google Maps API for route visualization and location-based filtering. Designed responsive UI using React and Tailwind CSS. Developed REST APIs with Express and secured user data with JWT.
- [Github link](#)

Counterfeit Medicines and Drugs Using Blockchain |

March 2025

- Developed a decentralized application (DApp) to verify the authenticity of pharmaceutical products using Ethereum blockchain. Designed a two-role system (Manufacturer, User) where Manufacturer registers genuine medicines via QR Code, and users can verify product authenticity by scanning QR code. Truffle Suite for smart contract deployment. Ensured trust and transparency in the drug supply chain by leveraging immutable records.
- [Github link](#)

SKILL SET

Programming Languages: Python, Java, C

Web Development: HTML, CSS, JavaScript, React, Express.js, MongoDB, Node.js

Developer Tools: Git, VS Code

Soft Skills: Leadership, Teamwork, Public Speaking, Time Management, Logical Thinking

Language Skills: Telugu (Native), Fluent English, Entry-level Hindi

CERTIFICATIONS

Associate Cloud Engineer Certification

Validated ability to deploy applications, monitor operations, and manage enterprise solutions on Google Cloud.

Proficient in using Google Cloud Console and CLI tools to configure, deploy, and maintain cloud-based services and infrastructure. Demonstrated hands-on knowledge of core services such as Compute Engine, Cloud Storage, IAM, and networking within Google Cloud Platform.

Programming in Java – NPTEL Swayam

Completed NPTEL's comprehensive Java programming course, mastering object-oriented concepts, multithreading, and networking, enhancing my skills in software development and problem-solving.

The Joy of Computing using Python – NPTEL Swayam

Completed a comprehensive course on problem-solving using Python, covering fundamentals of programming, pattern generation, web scraping, file handling, data visualization, and logic-building for real-world applications. Gained hands-on coding experience through weekly assignments and proctored exams..