

Chintaluri Nagasaketh

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Objective

Motivated Computer Science undergraduate with strong skills in backend development, cloud integration, and databases. Eager to gain practical experience with Object-Oriented Programming (OOP), CI/CD pipelines, and Agile development while contributing to scalable systems using tools like Node.js, React, Firebase, and Docker.

Education

Bachelor of Technology in Computer Science and Engineering	2022 – 2026
Vellore Institute of Technology, Vellore CGPA: 8.82/10	
Senior Secondary (XII), CBSE – Kendriya Vidyalaya No.2 Golconda– 92.3%	2022
Secondary (X), CBSE – Kendriya Vidyalaya No.2 Golconda – 93.2%	2020

Work Experience

Research Assistant – Consultancy Project (TIFAC CORE) | [link](#)
Autonomous Drone for Efficient Warehouse Inventory Management – Phase 1
VIT Vellore | [Oct 2023 – Feb 2024]

- Collaborated with faculty on a **Technology Information Forecasting Assessment Council (TIFAC)-funded consultancy project**.
- Designed and implemented **Python-based control system** for a DJI Tello drone using **DJI Tello SDK, Pygame** to follow predetermined paths.
- Developed **multi-threaded QR code scanning system** for real-time warehouse inventory tracking.
- Contributed to enhancing **autonomous warehouse management efficiency** through drone-assisted automation.

Skills

Programming Languages: Java, Python, C++, C#, C, R
Web Development: HTML, CSS, JavaScript, React, NodeJS **Databases:** MySQL, MongoDB
DevOps: Jenkins, Ansible, Graphite, Graphene, Nagios, Docker, Terraform, GitHub, Kubernetes.
Tools & Methodologies: Git, Firebase, Unity, Visual Studio Code, Docker, Agile Development, CI/CD, Object-Oriented Programming (OOP)

Projects

RandBcube | [Link](#)
Technologies: Unity, C#

- Developed a FPS game with responsive shooting mechanics and fluid controls for an engaging player experience.
- Implemented a precision-based scoring system that rewards accuracy, encouraging skilful gameplay.
- Designed an immersive static environment with optimized assets to ensure high performance and seamless gameplay.

Twitter Sentiment Analysis | [Link](#)
Technologies: R, Shiny, tidytext, ggplot2, Plotly, DT, NRC/Bing/AFINN Lexicons

- Built an **interactive Shiny dashboard** for Twitter sentiment analysis.
- Implemented **real-time scoring** using AFINN, Bing, and NRC lexicons with stop-word filtering.
- Enabled **dynamic visualizations** (word clouds, timelines).
- Added **CSV export** for insights and tweet-level analysis.

Personal Finance Tracker Web App | [Link](#)
Technologies: React, Firebase (Auth + Firestore)

- Built a responsive web application to help users track income, expenses, and budgets in real time.
- Integrated Firebase for secure user authentication and cloud-based data storage.
- Implemented dynamic charts and tables to visualize spending patterns and financial goals.
- Enabled category-based expense tracking and monthly summaries for budgeting insights.

Certifications

DevOps Fundamentals – IBM
June 2026 | [Link](#)
DevOps, Agile & Design Thinking – IBM
June 2026 | [Link](#)