

Yadla Murali Krishna Vizianagaram, Andhra Pradesh, India
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Summary

B.Tech student in Computer Science and IT with a strong foundation in software development, programming, and system architecture. Proficient in Python, Java, and modern frameworks, with hands-on experience in building micro-services, REST APIs, and cloud-based applications.

Skills

- Python | C | C++ | Java | Go | JavaScript | HTML | CSS | MySQL | PostgreSQL
- ReactJS | TensorFlow | NumPy | Pandas | Docker | Kubernetes | GitHub | VS Code
- Jupyter Notebook | LaTeX | AutoCAD | Autodesk Inventor

Experience

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Software Intern Truminds Software Systems, [Location, if known, or remove if not specified] May 2022 – July 2022

- Programmed micro-services (NETCONF client, Configuration, Performance Management) for 5G Network Management.
- Developed REST API and used NATS messaging for micro-service communication.
- Serialized data using protocol buffers, enhancing inter-service efficiency.
- Integrated micro-services and deployed projects on cloud servers with Docker containers.
- Utilized InfluxDB and Kubernetes for scalable system management.

Freelancer (Solution Writing) Toppr, [Location, if known, or remove if not specified] February 2022 – March 2022

- Cleared Toppr's screening test among 100+ applicants to assist 11th and 12th-grade students.
- Solved 80+ chemistry problems for competitive exams within 20 days.
- Provided clear, concise solutions to enhance student learning.

Projects

Data Analysis of World Inequality and the Pandemic

- Skills: Data analysis, CNN, Python, data visualization.
- Documented income, economic, and carbon inequalities, drawing insights from visual data. Built a CNN model for Covid-19 detection via chest X-rays (90% accuracy).

Financial Markets Experience Program

- Skills: Financial analysis, data interpretation.
- Managed a BSE 500 stock portfolio, achieving 50% returns (Rs. 3,00,000 virtual holdings), ranking in the top 10% among 60+ colleges.

MNIST Digit Detection using Verilog

- Skills: Verilog, CNN, Python, machine learning.
- Developed a CNN model to detect MNIST digits, programming sub-models (Adder, Multiplier, Neuron) from scratch in Vivado and Python.

Certifications

Not specified in the provided details

- Add relevant software development certifications if available.

Education

Bachelor of Technology (2022-2026) | MVGR College of Engineering (8.55 CGPA)

Intermediate (2022) | Sri Chaitanya College (8.65)

10th (2020) | MJPAPBCWR School (10.0)

Extra-Curricular Achievements

- ▶ ▶ Secured first position in KHO-KHO intercolleges games, Annual Day 2023.
- ▶ ▶ Completed National Cadet Corps (NCC) training and participated in a Naval camp at Vizag Steel Plant.
- ▶ ▶ Captained a team in Cricket Combat League 2022, achieving runners-up position.

Hobbies

- ▶ ▶ Exploring Software Development Trends
- ▶ ▶ Reading Tech Blogs
- ▶ ▶ Problem-Solving on Coding Platforms
- ▶ ▶ Playing Cricket
- ▶ ▶ Participating in Hackathons