Chintha Krishna Balaji

B.Tech (2022–26)
Computer Science Engineering
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Chintha_Krishna_Balaji_Portfolio

PROFESSIONAL SUMMARY

B.Tech CSE student with skills in Java, Python, and CS fundamentals. Experienced in developing scalable distributed applications, high-volume systems, and user-centric software through internships and projects. Skilled in algorithms, OOP, software design, CI/CD, and agile teamwork.

EDUCATION

2022 – 2026 GITAM Deemed to be University, Bengaluru, B.Tech. CSE

CGPA: 8.81

Relevant Coursework: Data Structures, Algorithms, Software Design, Operating Systems, DBMS, Computer Networks

EXPERIENCE

Intern – Smart Agriculture Lab   *May 2025 – Jun 2025*

GITAM University, Bengaluru   Live Demo
- Integrated AI-based OCR systems into a distributed processing pipeline for weekly agile releases.
- Improved text extraction accuracy by 15 percent and reduced manual effort by 40 percent through algorithm optimization.
- Used Python, TensorFlow, Git, and continuous integration to deliver reliable features.

Intern – Smart Agriculture Lab   *Jan 2025 – Mar 2025*

GITAM University, Bengaluru   Live Demo
- Built backend plant-growth prediction system in Python.
- Deployed real-time dashboards via Streamlit for 24x7 access.
- Raised AI accuracy to 85 percent using optimized algorithms.

PROJECTS

•YouTube Comment Sentiment Analysis   *Sep 2024 – Oct 2024*

Machine Learning Project   Live Demo
- Built a scalable sentiment classification service for 3,000+ comments using Logistic Regression and VADER/TextBlob.
- Achieved 80 percent accuracy with algorithmic optimizations for NLP processing.

•Quiz Application – Frontend Project   *Aug 2024 – Oct 2024*

Web Development   Live Demo
- Built responsive React-based quiz interface integrated with real-time JS validation.
- Used HTML/CSS best practices for accessibility and optimized performance.

TECHNICAL SKILLS

- **Languages**: Java, Python, C/C++/C (beginner)
- **Backend**: Java (Spring basics), REST APIs, Distributed Systems
- **Frontend**: React, HTML/CSS, JavaScript
- **Database**: MySQL, PostgreSQL (basic)
- **CS Fundamentals**: Data Structures and Algorithms, OOP, OS, DBMS, Software Design Patterns
- **Tools**: Git, CI/CD, TensorFlow, Linux CLI, Unit Testing

SOFT SKILLS

- **Interpersonal**: Teamwork, Problem Solving, Communication, Adaptability, Time Management

CERTIFICATIONS

•Verizon Cloud Platform Job Simulation (View), Forage   *Jun 2025*

•IBM Generative AI Engineering (View), IBM via Coursera   *May 2025*

•Google Cloud Computing Foundations (View Badge), Google   *Apr 2025*

•IBM AI Developer (View), IBM via Coursera   *Feb 2025*