

# VAKATI JASMITHA

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Tirupati(dt), Andhra Pradesh

## OBJECTIVE

Motivated and detail-oriented Computer Science graduate aspiring to begin a career in the software industry. Eager to apply my knowledge of Python, Java and web technologies, to real-world projects. Looking forward to contributing to innovative solutions, learning from industry experts, and growing as a software professional in a collaborative and fast-paced environment.

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## SKILLS

### Technical Skills:

**Languages:** Python, Java, HTML, CSS

**Tools:** Canva, MySQL, DBMS, Git

**Operating Systems:** Basic knowledge of Windows/Linux

### Professional Strengths:

**Core Strengths:** Effective problem-solving, attention to detail, reliability, critical thinking

**Time Management:** Efficient multitasking, continuous learning, strong communication skills

**Adaptability:** Quick learner, collaborative, motivated, innovative, team-oriented

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## INTERNSHIPS & COURSES

### Cybersecurity Intern

**Indian Servers** – 28 Apr 2023

- Conducted penetration testing and system analysis using Kali Linux.
- Enhanced cybersecurity by identifying and mitigating vulnerabilities.

### Web Designer and Developer Intern

**CSEdge** – 20 May 2024

- Developed a responsive portfolio website using HTML, CSS, and JavaScript.
- Improved user interface and user experience through innovative design.

### Full stack Web development Intern

**Slash Mark IT Startup** – 30 Apr 2024

- Contributed to AI projects and research under expert guidance.
- Enhanced AI applications by implementing innovative solutions.

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## ACADEMIC ACHIEVEMENTS

- Led Technical Fests and coding challenges, promoting collaboration and skill development.
  - Conducted seminars and workshops, showcasing leadership and public speaking skills.
  - **Won prize in the Final Year Project Expo** for the project on optimizing maintenance cost and electricity consumption in cloud data centers.
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## PROJECTS

### **An Approach to Balance Maintenance Cost and Electricity Consumption in Cloud Data Centers**

#### ***B.Tech Final Year Project***

- Proposed an efficient algorithm to balance server maintenance costs and electricity consumption in cloud data centers (CDCs).
  - Focused on optimizing energy usage while ensuring cost-effective virtual machine (VM) management.
  - Achieved improved performance compared to existing models through strategic resource allocation.
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## CERTIFICATIONS

- Certified in Python Programming and Data Science (CodeTantra)
  - Microsoft Azure Data Fundamentals
  - Microsoft Azure AI Fundamentals
  - Cloud Computing by IBM (Coursera)
  - Introduction to C Programming Variables Input & Output (Coursera)
  - Introduction to Object-Oriented Programming with Java by Learn Quest (Coursera)
  - **Employability Skill Training Program** by **Mahindra Pride Classroom**, Naandi Foundation (2024–2025)
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## EDUCATION

### **B.Tech in Computer Science and Engineering**

#### **Narayana Engineering College, Gudur, Andhra Pradesh**

2021 – 2025 | CGPA: 9.0

#### **Intermediate (MPC)**

#### **Krishna Chaithanya junior college, Nellore, Andhra Pradesh.**

2019 – 2021 | CGPA: 8.77

#### **Secondary School (SSC)**

#### **ZP High school, Chinamambattu, Andhra Pradesh.**

2018 – 2019 | CGPA: 8.3

### **Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**Place:** Vendlurupadu

V. Jasmitha