

VALLAPI SHAMBHAVI

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🌐 Vallapi Shambhavi

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👤 Career Objective

Aspiring **Software Engineer** with a strong foundation in **Java**, frontend technologies (**HTML, CSS, JavaScript**), and problem-solving skills. Knowledgeable in **OOPs, DSA**, and experienced in **collaborative projects** and **hackathons**, showcasing leadership and creativity.

🎓 Education

Bachelor of Technology in Computer Science and Engineering, JNTUH

St. Peter's Engineering College, Hyderabad | CGPA: 9.64 till 2nd Year (2022 – 2026)

Intermediate (MPC): Bhagyarathi Junior College, Telangana | CGPA: 9.75 | 2022

SSC: Z.P.H.S Suraram Colony, Hyderabad | CGPA: 10.00 | 2020

🧠 Skills

Technical Skills:

- **Programming Languages:** JAVA, Python
- **Frontend Technologies:** HTML, CSS, JavaScript
- **Backend Technologies:** DBMS
- **Others:** Data Structures and Algorithms
- **Knowledgeable in OOPs Concepts:** Classes & Objects, Encapsulation, Abstraction, Inheritance, Polymorphism. Conditional Statements, Exception Handling.
- **J2EE Tools:** Eclipse

Key Strengths:

- **Problem Solving:** Strong programming knowledge in Java with a good grasp of OOP concepts and algorithms.
- **Team Collaboration & Leadership:** Led teams and contributed actively in hackathons and workshops, showing good teamwork and leadership skills.
- **Quick Learner & Adaptable:** Completed diverse technical certifications including cloud technologies and AI internships.
- **Social Responsibility & Volunteering:** Active participation in NSS and community service programs, showing leadership beyond academics

📁 Projects

1. Forest Endangered Detection System:

Tools: Tilt sensor, gas sensor, fire sensor, Arduino.

- Developed a forest detection system using tilt, gas, and fire sensors with Arduino to detect smoke, fire, and deforestation.
- Captures images and triggers alerts in real-time when motion, smoke, or fire is detected.

2. Skin Cancer Detection Project

Tools: Python, TensorFlow, Keras, NumPy, OpenCV, Flask, HTML, CSS, scikit-learn, Matplotlib, Command Prompt (CMD)

- Developed an AI system for early skin cancer detection using image analysis, improving accuracy and user interface for better usability.

3. Pizza Calculator Billing System :

Tools: Java (JDK), Eclipse.

- Java-based console application using core Java features for pizza billing with detailed bill summary, taxes, and discounts.

🏆 Technical Certifications:

1. ServiceNow Certified System Administrator (CSA)

Successfully completed professional certification in ServiceNow administration, covering configuration, UI customization, and workflow automation.

2. Google Cloud – Generative AI Virtual Internship | 10 Weeks

3. Certification on “**Data Structures and Algorithms**” – Infosys Springboard.

4. “**Describe Cloud Service Types**” Certification – Microsoft

5. “**ChatGPT for Everyone**” Certificate – GUVI

🧑‍🎓 Co-Curricular Activities:

- **Java Certification** – Earned from HackerRank for proficiency in core Java concepts.
- **Topper Medallist** – 1st and 2nd years for academic excellence.
- **Poster Presentation Winner** – 3rd place at college tech fest for *India's Space Triumph: A New Era of Technology and Innovation*.
- **Hackathons & Workshops:**
 - **Vel Tech University, Chennai** – Forest detection system: sensors, smoke, fire, deforestation, image alerts.
 - **MLRIT Zignasa** – Built web solutions using the MERN stack in a 36-hour hackathon at MLRIT.
 - **BITS Pilani, Hyderabad** – React Web Technologies Hackathon (24 hours).
- **Project Expo: Vishesh 2K24 (MREC College)** – Presented *Skin Cancer Detection* project using AI for early detection.

🛡️ Extra- Curricular Activities:

National Service Scheme (NSS) – Volunteer

- Donated and volunteered in a **Blood Donation Camp** organized at college, contributing to a life-saving cause.
- Participated in “**Haritha Haram**”, a large-scale tree plantation program promoting environmental sustainability.