

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 CSE – JNTUH

St. Peter's Engineering College | CGPA: 9.64/10.0 (till 3-1) / 2022-2026

Intermediate (MPC): Bhagyarathi Junior College, Hyderabad | CGPA: 9.75 | 2020-2022

SSC: Z.P.H.S Suraram Colony, Hyderabad | CGPA: 10.0 | 2019-2020

Skills

Technical Skills:

- **Programming Languages:** Java, Python
- **Frontend Technologies:** HTML, CSS, JavaScript
- **Backend Technologies:** DBMS
- **Others:** Data Structures and Algorithms
- **OOPs Concepts:** Classes & Objects, Encapsulation, Abstraction, Inheritance, Polymorphism, Conditional Statements, Exception Handling
- **Tools & IDEs:** Eclipse, VS Code, Git, Command Prompt, Arduino IDE

Key Strengths:

- **Problem Solving:** Strong programming knowledge in Java with good grasp of OOP concepts and algorithms
- **Team Collaboration & Leadership:** Led teams and actively contributed in hackathons and workshops
- **Social Responsibility & Volunteering:** Active volunteered in National Service Scheme (NSS) and community service programs.
- **Quick Learner & Adaptable**

Experience

1. 50 Days DSA Challenge

- Solved DSA problems daily using Java. Repository includes detailed solutions and screenshots.
Focus: Java, DSA, Algorithms, Git-based documentation

2. Skin Cancer Detection (AI Project)

- Developed an AI-based web app for early skin cancer detection using image classification.
Tools: Python, TensorFlow, Keras, Flask, OpenCV, HTML/CSS

3. Forest Endangered Detection System (IoT Project)

- Used Arduino with tilt, gas, and fire sensors to detect deforestation/smoke/fire and trigger real-time alerts.
Tools: Arduino, sensors, image capture, real-time monitoring

Technical Certifications

1. **ServiceNow Certified System Administrator (CSA)** – Completed professional certification in ServiceNow covering configuration, UI customization, and workflow automation.

2. **Learn Java Certification** – CodeChef

3. **Practice Arrays Certification** – CodeChef

4. **Data Structures and Algorithms** – Infosys Springboard

5. **Google Cloud Computing Foundations** - Google Cloud Skill Boost

6. **Generative AI Virtual Internship** in Collaboration AICTE and EduSkills – Google Cloud (10 Weeks)

7. **Describe Cloud Service Types Certification** – Microsoft

8. **ChatGPT for Everyone** - GUVI

Coding Achievements

• CodeChef

- Silver Badge – Solved 250+ problems (Problem Solver)
- Gold Badge – 50 Days Coding Streak Maintained

• HackerRank

- Silver Badge – Python (4★), C (3★)

GitHub Profile Summary

Maintains 5+ **well-structured repositories** demonstrating hands-on experience in Java, Python, and web development. Notable projects include:

- A **50-day DSA challenge** in Java with daily problem-solving, explanations, and screenshots
- A **Personal Portfolio Website** built using React to showcase skills and projects

An **AI-based Skin Cancer Detection system** using image analysis with TensorFlow and Flask

Repositories reflect consistent code commits, clean folder structures, solution write-ups, and documentation—demonstrating proficiency in version control, problem-solving, and full-stack development.

Co-Curricular Activities

- **Topper Medallist** – Secured 1st and 2nd year medals for academic excellence
- **Poster Presentation Winner** – 3rd place at Tech fest: India's Space Triumph
- **Hackathons & Workshops:**
 - **Vel Tech University, Chennai** – Forest Detection System using sensors and image alerts
 - **MLRIT Zignasa** – Built MERN stack web app in 36-hour hackathon
 - **BITS Pilani, Hyderabad** – Web Technologies Hackathon (24-hour)
- **Project Expo** – Vishesh 2K24 (MREC College): Presented AI-based Skin Cancer Detection