

# A Likhitha

Software Engineer/Web Developer

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## SUMMARY

Software Engineer skilled in Java, Python, and front-end development. Experienced with RESTful APIs, CI/CD pipelines, and Agile methodologies. Committed to delivering scalable, real-world solutions that improve user experience and operational efficiency.

## SKILLS

**Programming Languages** Java, Python, C, JavaScript, HTML, CSS, SQL, React  
**Development Tools** GitHub, Visual Studio Code, PyCharm, Eclipse, Jupyter Notebook  
**Platforms & Frameworks** Linux, Flask, MySQL, Tableau  
**Software Concepts** Object-Oriented Programming, Secure Coding, Continuous Integration, Agile Methodology  
**Soft Skills** Strong organizational and multitasking abilities, demonstrated leadership in collaborative environments, Time Management, Effective Communicator, Quick learner with the ability to thrive in dynamic situations, Proficient in delivering under deadlines with minimal supervision  
**Languages** English

## EDUCATION

<b>B. Tech in Bachelor of Technology</b> , GITAM SCHOOL OF TECHNOLOGY (GPA: 8.7)	Nov '21 — Apr '25 Bengaluru, India
• CGPA: 8.7	
S. V. PU College, Vidyanagar (GPA: 97.8)	May '19 — May '21 Bengaluru, India
• Grade: 97.8	
HARSHA INTERNATIONAL PUBLIC SCHOOL (GPA: 92.5)	Jun '13 — Apr '19 Bengaluru, India
• Grade: 92.5	

## EXPERIENCE

<b>Contributor</b> GirlScript	Oct '24 — Nov '24 Bangalore, India (Remote)
• Collaborated on open-source projects, contributing quality code to improve software functionality and usability, leading to a 25% increase in feature efficiency.	
• Implemented features, fixed bugs, and optimized performance across various repositories, achieving a 30% reduction in runtime issues through enhanced code quality.	
<b>Intern</b> KPIT	May '24 — Jul '24 Bangalore, India (Remote)
• Acquired valuable experience in the automotive industry by applying learned concepts to improve operational efficiency, resulting in a 20% increase in project delivery speed through Continuous Deployment and Continuous Integration.	
• Diagnosed faults in the Body Control Unit (BCM) of vehicles, resulting in a 30% reduction in troubleshooting time through the implementation of a custom HTML dashboard designed with the Flask framework, ensuring compliance with Coding Standards.	
<b>Vibe Coder</b> C4E Labs	Aug '25 — Present Bengaluru, India (Remote)
• Adapted and optimized React codebase to streamline development workflow, enabling faster feature integration and improved maintainability.	
• Expanded platform from 2 to 13 personality assessments in 3 weeks, integrating dynamic, downloadable reports to enhance user engagement.	
• Automated blog publishing workflow using modern scripting and CMS tools, increasing average blog clicks to 70+ per post.	
• Redesigned user profiles and dashboards with interactive, visually appealing components, improving UX and retention.	
• Maintained website traffic of 400+ monthly visitors while optimizing frontend workflows to support scalable content delivery.	

## PROJECTS

**Audio and Image Encryption and Decryption Technologies Used: Python, Tkinter, Fernet (Cryptography Library)**

- Engineered Python and Tkinter to design and develop a GUI for encrypting and decrypting audio and image files, enhancing user experience and security by 15%.
- Implemented encryption and decryption functionalities using the Fernet symmetric encryption cryptography library, ensuring robust data security within various ecosystems.

**Exam Management System Technologies Used: Flask, MySQL, HTML, CSS, Javascript, QR Code Generator**

- Designed a web-based tool using Flask and MySQL to streamline hall ticket generation and student attendance, improving faculty workflow by 35%.
- Integrated QR code generation for automated exam attendance logging, increasing operational efficiency by 40%.

**Enhancing Object Detection in Real-Time Surveillance System**

- Developed a web-based real-time object detection system using YOLOv8 and OpenCV to assist visually impaired users by providing spoken feedback on their surroundings, improving navigational awareness by 40%.
- Built a voice-controlled interface using React and Flask, integrating Mistral 7B via Ollama to generate context-aware object descriptions and deliver low-latency auditory feedback through the Web Speech API.

**CERTIFICATIONS**

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**Introduction to Front-End Development**, Meta (Coursera)

**Introduction to Machine Learning**, Duke University(Coursera)

**Introduction to Large Language**, Google Cloud (Coursera)

**VOLUNTEERING**

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**Volunteer**, Pyramid Spiritual Society Movement (PSSM)

Dec '10 — Present

Promoted Anapanasati Meditation, Vegetarianism, Spiritual Science, and the beneficial uses of Pyramid Energy.