



# LANKADASU NAGA VENKATA YASWANTH

Aspiring Software Engineer



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## SUMMARY

Highly motivated software Engineer with extensive experience in leveraging Artificial Intelligence and Machine Learning to develop innovative solutions. Possesses excellent problem-solving and collaborative teamwork skills. Equipped with over 500+ hours of hands-on coding experience.

## TECHNICAL SKILLS

### Programming languages:

Java, JavaScript, Python, C

### Web Technologies:

HTML5, CSS, JS, React

### Developer Tools:

Git, VS Code, PyCharm, MS Office, Adobe Photoshop, IntelliJ, Eclipse

### Data Management:

MySQL, SQLite

### Platforms:

Unix, Windows, Mac, AWS, Azure

## CERTIFICATIONS

- ◆ The Bits and Bytes of Computer Networking | Coursera | Nov '22
- ◆ Fundamentals of Accelerated Data Science with RAPIDS | NVIDIA | May '22
- ◆ Artificial Intelligence on Microsoft Azure | Coursera | Mar '22
- ◆ Build a Face Recognition Application | (GUVI Geek Networks, IITM Research Park) | Apr '21

## POSITION OF RESPONSIBILITY

- ◆ **Social Media Manager**  
- Artbeat Entertainment Dec '22 – Feb '23
- ◆ **Technical Team Member**  
- Coding Ninjas LPU Oct '22 - Present

## EXTRA CURRICULAR

### ACTIVITIES

- ◆ Social Media Manager  
Art-beat Entertainment | Feb '23
- ◆ CBSE ZONAL HandBall  
Participation | Tuni AP | 2019

## PROJECTS

### EchoXperience

Oct'23

- ◆ Domain: Project-Based Learning | Java, React.js
  - Developed and implemented real-world projects using Java and React.js, enhancing practical knowledge and application of these technologies.
  - Strengthened programming skills by collaborating on complex projects, resulting in a 25% increase in code efficiency.
  - Gained hands-on experience in full-stack development, contributing to projects that improved user engagement and functionality by 30%.

### AyurBharat

Sep'23

- ◆ Domain: Healthcare Technology | ML, Python, Django, REST API
  - Developed and implemented an innovative website utilizing symptom-based disease detection algorithms, resulting in a 40% reduction in misdiagnosis and improved patient outcomes.
  - Leveraged ML, Python, Django, and REST API for website development, contributing to a 40% reduction in response time and a 25% increase in user engagement through enhanced data analysis capabilities.

## SUMMER INTERNSHIP

### App development for IOS and Android | Flutter Developer

Jun '23 - Jul '23

Programming Pathshala | Remote.

- ◆ Spearheaded the development of a cross-platform healthcare mobile app for iOS and Android, addressing healthcare needs with a focus on a blood donation platform.
- ◆ Proficiently managed version control using Git throughout the development lifecycle, resulting in 97% code stability and 30% faster issue resolution.

## RESEARCH EXPERIENCE

### Skin Cancer Classification using a Convolutional Neural Network: An Exploration into Deep Learning | Researcher

Sep '23 – Dec'23

- ◆ **Implementation and Fine-tuning of CNN Models:** Renovated and refined CNN architectures tailored specifically for dermatoscopic image analysis. This process involved tasks such as data preprocessing, model design, and performance optimization.
- ◆ **Research Methodology:** Developed expertise in designing and conducting experiments, collecting and analyzing data, and drawing meaningful conclusions from experimental results.

## ACHIEVEMENTS

### SIH Hackathon

Sep '23 - Nov '23

- Emerged as one of the top selections from 120 teams during the 36-hour hackathon gateway for SIH2023.

### Google Crowdsourcing

Mar '22 - May '22

- Secured one of the top 5 contributors for weeks 3 and 5 all over India.

## EDUCATION

### B.Tech. in Computer Science AI-ML

Jul '21 - Present

Lovely Professional University | Phagwara, IN

CGPA: 7.49

### 12<sup>th</sup> Standard

Jun '19 – May '21

Bharatiya Vidya Bhavans Residential Public School | Tadepalligudem, IN  
Percentage: 86

### 10<sup>th</sup> Standard

Jun '18 – Apr '19

Bharatiya Vidya Bhavans Residential Public School | Tadepalligudem, IN  
Percentage: 67.6