

# Divyasree Vadlakonda

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## Career Objective

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Highly motivated Computer Science graduate specializing in AI and Machine Learning, eager to apply programming and analytical skills in software development, data science, or related technical roles. Seeking opportunities to contribute to innovative projects and grow in a dynamic tech environment.

## Education

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**Sumathi Reddy Institute of Technology for Women**, Bachelor of Technology in  
Computer Science and Engineering (Artificial Intelligence and Machine Learning) 2021 – 2025

- GPA : 7.5

## Technical Skills

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**Programming:** Java, Python, C

**Frontend & Web Development:** React.js, Bootstrap, HTML, CSS, MERN Stack

**Backend & Databases :** Node.js, Express.js, MySQL, MongoDB

**Tools & Analytics:** VS Code, Git, Excel, Power BI

## Projects

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### Fake Job Post Prediction Using Machine Learning

- Developed a machine learning model using algorithms like Random Forest and Deep Neural Networks to accurately classify job posts as real or fake, achieving up to 99% accuracy on the EMSCAD dataset.
- Implemented data preprocessing, feature selection, model training, and evaluation, deploying the solution via a user-friendly web interface for real-time job post fraud detection.

### Stroke Identification – Deep Learning Diagnostic Tool ([GitHub](#))

- Developed a machine learning-based diagnostic model using ResNet and MobileNet to classify neuroimages for accurate and fast stroke identification.
- Designed input as uploaded neuroimages and output as automated classification results displayed on a user-friendly interface.

### Resume Analyzer – ATS Compatibility Checker ([GitHub](#))

- Built a web app using Python and Flask to analyze resumes against job descriptions and provide ATS compatibility scores.
- Implemented keyword matching and NLP techniques to highlight missing skills and help users improve their resumes for better job matches.

## Internships

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### Artificial Intelligence with Python Intern (COINCENT – July to August 2023)

- Worked on AI mini-projects and learned integration with Python libraries. ([Certificate](#)).

### Java Programming Intern (CODSOFT – June to July 2024)

- Completed tasks using Java basics and small app logic implementations. ([GitHub](#)).

## Certifications

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- **Introduction to Web Development** – Great Learning Academy ([Certificate](#)).
- **PCAP: Programming Essentials in Python** – Cisco Networking Academy (*Issued jun 2024*) ([Certificate](#)).
- **Building Modern Web Applications with MERN Stack** – Edunet Foundation (*Issued Jul 2024*) ([Certificate](#)).