

# Lakshmi Prasanna Pandeti

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Leet Code: [parasanna\\_pandeti](https://leetcode.com/parasanna_pandeti)

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## Education:

### B.Tech. in Information Technology | CGPA – 9.47/10

Sree Vidyanikethan Engineering College | Tirupati, A.P.

Nov 2021 – Present

### Intermediate (Mathematics, Physics and Chemistry) | 96.2%

Sri Chaitanya Junior College | Tirupati, A.P.

June 2019 – May 2021

## Work Experience:

### Codes on Bytes | Web Developer

Sep 2023 – Oct 2023

- Developed lightweight, offline unit converter for length, weight, and temperature, enhancing user experience and privacy.
- Developed a real-time weather app that shows wind speed, temperature, and humidity for specified areas.

### Smart Internz | Salesforce Developer

April 2023 – May 2023

- Developed and customized Salesforce applications and workflow, enhancing CRM functionality and user experience.
- Assisted in integrating Salesforce with external systems, streamlining data flow and improving overall system efficiency by 5%.

### Altair | Data Science Intern

- Utilized Altair tools to clean and manipulate datasets, improving data accuracy by up to 80%, which enhanced the reliability of predictive models
- Applied machine learning algorithms to analyze datasets, reducing processing time by 50% and optimizing predictive accuracy for business insights.

## Projects:

### Login Authentication

Nov 2023

- User Authentication: Users can sign up, sign in, and sign out with ease. New users receive a confirmation email upon registration, while existing users are validated during sign-in.
- Administration Panel: An admin panel is available for administrators to manage users using their login credentials.
- This application is developed using Django.

### Panchatantra

Feb 2024

- Developed an application featuring animated stories with an optional narrated version. The application was built using HTML, CSS, and JavaScript, providing an engaging and interactive experience for users.

### AI-Powered Voice Assistant

Aug 2024

- Developed a Flask web application that integrates voice commands and text-to-speech functionalities, including features for note management, Google Custom Search, and interactive responses.

## Skills:

**Programming Languages:** Python, Java, C, Web Technologies-HTML, CSS, Javascript

**Frameworks:** React JS, Bootstrap, Django, MySQL, PHP

## Certifications:

- AI Essentials by Google
- Excel skills job simulation by JPMorgan chase & co (Forage)
- Artificial Intelligence job simulation by Cognizant (Forage)
- Full Stack JavaScript Developer by IBM

## Achievements:

- Earned Python Language Badge on Hacker Earth by solving 50 problems in python
- Earned 900 points on Hacker Earth, achieving a 4-star rating by solving challenges
- Ranked in the top 23% on Leet Code
- National Taekwondo Player

## Extra Curriculars:

- Co-Ordinator & Treasurer, Technical Association of Information Technology
- Activist, National Service Scheme

## Ongoing Research:

- Conducting research on Reducing AI Computational Power using Structured Pruning on Deep Learning Models.
- It removes the unnecessary weights in hidden layer and reduce the computational power while maintaining the accuracy