

# SIVANI IMMIDI

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## Summary

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A motivated B.Tech student specializing in CSE-AIML with a strong academic record and hands-on experience in AI and web development through internships and projects. Skilled in coding, web technologies, and machine learning, with a proven ability to apply knowledge to real-world problems.

## Education

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**BVRIT HYDERABAD College of Engineering for Women**

**2022-2026**

*B.Tech in Computer Science (Artificial Intelligence and Machine Learning)*

*Hyderabad, Telangana*

## Skills

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**Languages:** Java, Python

**Web Technologies:** HTML, CSS, JavaScript

**Backend Technologies:** Nodejs, Expressjs, RESTful APIs

**Data Bases:** MySQL, MongoDB

**Technical Skills:** Data Structures, Machine Learning, OOPS, Operating Systems (OS), DBMS

## Projects

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**Trie based auto suggestions** | [Link](#)

**February 2025**

- Created a real-time auto-suggest search using a **Trie data structure** for fast word predictions during user input.
- Built an interactive and responsive UI with dynamic suggestions, improving search speed by 50% and increasing user interaction by 30% through seamless auto-suggestions.
- Tech Stack: HTML, CSS, JavaScript, Trie Data Structure

**Upskill Hub** | [Link](#)

**January 2025**

- Built a Job Skill Analyzer that **matches resumes with job descriptions, identifying missing skill and recommending top 5 courses** for skill development, improving job application accuracy by 80%.
- Developed a secure backend with MongoDB for user authentication, profile management, and feedback, boosting user engagement.
- Tech Stack: HTML, CSS, JavaScript, React, Flask, Node.js, Express.js, MongoDB, Pandas, NumPy, Scikit-learn, JWT-based authentication and RESTful APIs.

**Word Grid Game** | [Link](#)

**November 2023**

- Developed a two-letter word grid game where players select two grids to form valid words.
- Integrated **real-time word validation and scoring system**.
- Tech Stack: Python, Tkinter, Pygame.

## Certifications

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|---|--------------------|
| • GSSoC'24 Appreciation Certificate - By GSSoC  | <b>August 2024</b> |
| • Java Full Stack Development – By Smart Mieten | <b>June 2024</b>   |
| • Python (Basic) - By Hackerrank                | <b>August 2023</b> |

## Achievements

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|--|---------------------|
| • Advanced to Level 2 in <b>EY Techathon 5.0</b>                                 | <b>January 2025</b> |
| • Achieved <b>87th rank</b> in <b>GSSoC'24</b> Open Source Contribution          | <b>June 2024</b>    |
| • Selected for the <b>Final Round</b> of the CodeKing Contest conducted by JNTUH | <b>March 2024</b>   |