

# Pragada Kanchana Balasri Vasavi

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## PROFESSIONAL SUMMARY

Aspiring Software Engineer with a strong foundation in programming, data structures, and full-stack development. Passionate about building scalable, efficient solutions to real-world problems. Proficient in both frontend and backend technologies with hands-on experience in web development, APIs, and machine learning. Eager to contribute to impactful projects and continuously expand my technical expertise.

## INTERNSHIPS

### Web Development Front-end Intern

1stop.ai

1st Oct 2023- 15th Nov 2023

- Explored and implemented new ways to improve UI/UX efficiency.
- Developed interactive web components using HTML, CSS, and JavaScript.

### Python Development Intern

Cognifyz Technologies

10th May 2024- 10th June 2024

- Developed applications such as a spam email detector, password strength checker, and number guessing game.
- Enhanced understanding of backend API development and data processing.

## PROJECTS

### Hostel Accounting System

- Developed a web-based hostel accounting system using Django for the backend and HTML, CSS, and JavaScript for the frontend.
- Implemented features for managing student records, fee transactions, and financial reports.
- Integrated user authentication and role-based access control for security.
- Enhanced efficiency in hostel management by automating financial tracking and reducing manual workload.

### MindBridge - An Inclusive World for Neurodiverse Individuals

- Contributed to website design and UI/UX workflow using Figma.
- Implemented accessible and inclusive design principles for neurodiverse users.
- Ensured a responsive and user-friendly experience for diverse needs.

### Spam Email Detection

- Built an ML model to classify emails as spam or ham using Naïve Bayes and SVM.
- Achieved 96
- Improved email filtering efficiency by reducing false positives and false negatives.

## SKILLS

- **Programming Languages:** C, C++, Java, Python, JavaScript
- **Frontend Development:** React.js, Next.js, HTML5, CSS3, Bootstrap

- **Backend Development:** Django, FastAPI
- **Database Management:** SQL, MySQL, MongoDB, RDBMS
- **Libraries:** Pandas, Numpy, Scikit-learn
- **Version Control:** Git, GitHub
- **API & Dev Tools:** Postman API, Python Poetry, pyenv
- **Tools:** MS Office, VS Code
- **Data Structures and Algorithms:** Data Structures (Arrays, Linked Lists, Stacks, Queues, Trees, Graphs) Algorithms (Sorting, Searching, Recursion, Dynamic Programming) and OOP Concepts
- **Soft Skills:** Teamwork, Communication, Critical Thinking, Adaptability, Problem-solving

## EDUCATION

**Gayatri Vidya Parishad College for Degree and PG Courses (A), Rushikonda** 2022 - 2026  
Bachelor's in Computer Science and Engineering, CGPA: 9.13 (up to 5th semester)

**Mahodaya Junior College, Vemulavalasa** 2020 - 2022  
12th (Intermediate), Percentage: 93.3%

**A.P. Model School and Junior College, Edulavalasa** 2018 - 2020  
10th (SSC), Percentage: 99.8%

## CERTIFICATIONS AND ACHIEVEMENTS

### Achievements:

- Qualified Gate CS 2025 in my first attempt.
- Secured 29th rank in Coding Ninjas Slayground 2.0 (2024).
- Secured 2nd rank in college internal Codeathon conducted by Achievers Overseas on Jan 9, 2024.
- Runner-up in Ideathon as part of Branch Tech fest- AAVISHKAR Season 4 (2025).
- Selected as the Only Girl Student to Visit Chandrayaan-2 Landing on the Moon with Prime Minister Narendra Modi (2019).
- NMMS Scholarship - District 3rd Rank (2017).

### Certifications:

- Infosys Springboard Frontend Web Development Course completion Certificate
- Python (Basic skill test) Certification – HackerRank
- Infosys Springboard Networking and Web Technologies Course Completion Certificate
- Infosys Springboard HTML5 Course completion Certificate
- Infosys Springboard CSS3 Course completion Certificate
- Infosys Springboard JavaScript Course completion Certificate
- Infosys Springboard Design Thinking Course Completion certificate
- CSS Basic skill test Certification by HackerRank.
- Project Completion Certificate (Web Development) from 1stop.ai.