

# VASANTH PRANEETH RAJ KANCHERLA

## SOFTWARE APPLICATION DEVELOPER

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Mangalagiri | Andhra Pradesh | India | 522503

## Objective

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Entry-level software developer with a solid foundation in web application development and moderate problem-solving skills. Currently expanding knowledge in machine learning and eager to contribute to innovative, user-focused solutions in a collaborative development environment.

## Experience

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### Software Application Developer Intern

Krishbhavara Tech & Trade Limited | May 2025 – July 2025

- Developed a Content Management System (CMS) with role-based access control.
- Implemented user access management and security best practices to ensure system reliability.
- Gained hands-on experience in large-scale web application access control and system optimization.

## Projects

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### Guestbook Application

- Built a dynamic web application allowing visitors to post comments and feedback.
- Followed MVC architecture for clean code separation and maintainability.
- Developed client-side rendering using JavaScript to reduce server load and improve response time.

### Connect 4 Game (Reinforcement Learning Project)

- Designed a Deep-Q Network (DQN) agent using PyTorch for the Connect 4 game.
- Integrated the AI agent with a user interface using Flask.
- Built a responsive UI with HTML, CSS, and JavaScript.
- Optimized server communication by transmitting only the current move instead of the full board state.

## Technical Skills

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- **Programming Languages:** C, PHP, Python, JavaScript
- **Web Development:** PHP, Python (Flask), HTML, CSS, JavaScript
- **Machine Learning / Deep Learning:** PyTorch, Neural Networks, Reinforcement Learning
- **Databases:** MYSQL, MariaDB, MongoDB
- **Tools & Platforms:** Git, Postman, Octave, MS Word
- **Soft skills:** Problem-solving, Teamwork, Communication

## Education

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Computer Science and Engineering (BTech) | 9.0 CGPA

2022 – Present

Rajiv Gandhi University of Knowledge Technologies | Nuzvid

Pre-University Course | 9.42 CGPA

2020 – 2022

Rajiv Gandhi University of Knowledge Technologies | Nuzvid