

# CH. Meghana

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🌐 <https://github.com/Meghana312001/Portfolio>

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## Junior Python Developer

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### Objective/Summary

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Recent IT graduate with foundational knowledge in Python, data structures, and algorithms. Eager to leverage comprehensive technical skills in real-world applications, contribute to team success, and continue professional development. Aspiring for a Python Developer role to utilize analytical, problem-solving, and technical skills.

### Education

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**Vignan's Foundation for Science, Technology, and Research**

**Vadlamudi**

*Bachelor of Technology in Information Technology, CGPA: 8.25*

*2019 - 2023*

Key Courses: Object-Oriented Programming, Web Development, Software Engineering, Database Management

### Technical Skills

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**Programming Languages:** Python (Django, NumPy, Pandas, Matplotlib)

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

**Databases:** MySQL

**Frameworks & Libraries:** Flask, Tkinter, PyQt, Scikit

**Tools & Platforms:** Git, Jupyter Notebook, Visual Studio Code

**APIs:** RESTful API Development

**Machine Learning & AI:** TensorFlow, PyTorch

**Asynchronous Programming:** asyncio, async/await

**Cloud Platforms:** AWS (Amazon Web Services)

**Networking:** Basic networking principles

**Security Practices:** Secure coding practices

### Projects

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**Student Details Tracker:** Developed a web application to provide real-time student details, designed to automate and centralize administrative tasks in educational institutions. Technologies Used: Python, Django, HTML, CSS.

**E-Commerce Application:** Developed an e-commerce website for online product sales, fea-

turing a catalog of different products available for purchase. Technologies Used: HTML, CSS, JavaScript.

**Simple Banking System:** Created a Python-based application simulating real bank transactions with multiple functionalities. Technologies Used: Python, Tkinter.

**Card Fraud Detection:** Adopted machine learning techniques to detect and analyze online transaction frauds. Technologies Used: Python, Matplotlib, NumPy, TensorFlow, PyTorch.

## Certifications

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**Python Programming Certification:** HackerRank

**HTML and CSS: Building a Single-Page Website:** Coursera

## Academic Achievements

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Preliminary English Test - VFSTR University, conducted by Cambridge University in 2019.

5-star rating in Python Programming on HackerRank platform.

## Soft Skills

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Effective Communication, Team Collaboration, Problem-Solving Abilities, Analytical, Quick Learner, Flexibility, Critical thinking, Resilience, Interpersonal skills

## Languages

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Telugu, English, Hindi