

Meghana Kothakonda

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Career Objective

Computer Science undergraduate graduating in 2026 with strong foundations in Java, Python, and backend development. Seeking an entry-level Software Developer role at IBM Consulting to contribute across the Software Development Life Cycle in delivering scalable, reliable, and maintainable enterprise applications.

Education

Bachelor of Technology in Computer Science and Engineering (Data Science) 11/2022 - 05/2026
Jawaharlal Nehru Technological University (JNTU), ACE Engineering College GPA: 9.09/10

Intermediate Education (Mathematics, Physics, Chemistry) 06/2020 - 04/2022
Sri Chaitanya Junior College GPA: 9.55/10

Skills

Programming & Core CS: Java, Python, C, Data Structures & Algorithms, Object-Oriented Programming

Web & Application Development: HTML, CSS, JavaScript, Flask, Spring Boot

Databases : MySQL, MongoDB

Tools & Platforms: Git, GitHub, Postman, VS Code

Experience

Web Development Intern 04/2025 - 07/2025
Aquesa Solutions Pvt Ltd

- Collaborated with cross-functional teams to design, develop, test, and deploy Flask-based backend modules following SDLC practices.
- Built and validated RESTful APIs for authentication and data workflows, performing API testing, debugging, and error handling using Postman.
- Optimized backend logic and database queries, resolving production issues to improve performance, reliability, and maintainability.

Projects

DidactAI – Intelligent Learning Insight System 2025
Python, Flask, NLP, scikit-learn, MongoDB

- Designed a modular Flask backend to support scalable NLP-based summarization and adaptive assessment workflows.
- Implemented extractive and abstractive summarization pipelines with configurable depth and performance efficiency.
- Stored learner metrics in MongoDB to generate analytical insights and enable data-driven feedback.

ResumeIQ – AI-Based Resume Analysis & Matching System 2025
Python, Flask, NLP, HTML, CSS, JavaScript, MongoDB

- Developed an NLP-based system to automate resume parsing and job relevance analysis for large-scale screening.
- Implemented skill extraction and semantic similarity scoring for accurate resume-JD matching.
- Built and tested Flask REST APIs for document processing with robust error handling and optimized response times.

ExpenseSync – Budget Monitoring and Analytics Platform 2024
Java, Spring Boot, MySQL

- Developed a secure Spring Boot application using layered architecture and RESTful APIs for expense management.
- Implemented JWT-based authentication and optimized MySQL queries to ensure data security and system performance.
- Added analytical summaries and alerts to support reliable budgeting and informed decision-making.

Achievements & Certifications

- TCS CodeVita: Ranked 2499 globally out of over 537,000 participants (2024)
- Smart Interviews DSA: Top 5000 nationwide (2024)
- Eduskills: Certified as AWS Academy Graduate (2025)
- NPTEL Elite: Joy of Computing Using Python (2023)
- NPTEL Elite: Java Programming (2024)