

Meghana Vasamsetty

+1(203)-503-4925 | meghanavasamsetty13@gmail.com | New York Metropolitan Area | LinkedIn | Portfolio

Education

University of New Haven, West Haven, CT

August 2023 - May 2025

Master of Science in Computer Science, **GPA: 3.8**

Relevant Coursework: Web Development, Cloud Computing, Database Systems, Data Structures & Algorithms

CMR Institute of Technology, Hyderabad, India

August 2019 - May 2023

Bachelor of Technology, Computer Science, **GPA: 9.4 [Gold Medalist]**

Experience

Software Developer | *Planon, Hyderabad, India*

Aug 2022 – July 2023

- Built responsive UIs and backend services for workplace management tools using **React, JSP, Servlets, Java, and Spring Boot**, processing 10,000+ transactions daily.
- Led the development of a student management system using **JSP, AJAX, and SQL**, automating record handling for 1,500+ students and reducing administrative workload by 40% & processing time by 60%.
- Streamlined workflows with single-click features, reducing task time by 50% and improving page load speed by 30%.

Software Developer | *ComakeIT, Hyderabad, India*

Aug 2021 – July 2022

- Developed backend features for FacilityHub using **Java, Spring Boot, and MySQL**, supporting 5,000+ enterprise users and optimized API performance.
- Designed efficient database schemas and **RESTful APIs**, improving data retrieval speed by 30% and enabling real-time updates for bookings and timesheet workflows.
- Collaborated in Agile sprints using **Jira** and **Confluence** and ensured seamless CI/CD deployments with QA and DevOps teams.

Technical Skills

- Languages:** Java, JavaScript, SQL, Python
- Frameworks:** Spring Boot, JSP, Servlets, AJAX, React, Vue.js
- Databases:** MySQL, PostgreSQL, MongoDB
- Tools:** Git, GitHub, AWS, Netlify, Render

Personal Projects

Travel Destination Explorer | [Source Code](#)

Developed a travel recommendation platform using **Vue.js** for the frontend and **Node.js** for the backend, handling 2,000+ daily API requests. Integrated into **MongoDB** to manage 50,000+ destination records, supporting personalized trip planning. Implemented recommendation logic based on weather, attractions, and user preferences across 200+ destinations.

Personal Finance Tracker | [Source Code](#)

Developed a finance app with **React.js, Express.js, MySQL, and Chart.js**, handling 1,000+ transactions. Enabled user authentication, expense categorization, budget tracking, and interactive spending visualizations.

Smart Timesheet Manager | [Source Code](#)

Created a timesheet system using **React, Material-UI, Spring Boot, and MySQL**, supporting 100+ users and 10,000+ time entries. Implemented project assignments, role-based views, and real-time submission and approval, reducing manual effort by 60%.

Certifications/Achievements

- Artificial Intelligence course completion is certificated by IBM.
- Earned JavaScript certification from Simplilearn, demonstrating expertise in web development.
- Best Performer at JNTUH's National Level Technical Symposium.