

Meghana Alaparthys

Dallas, TX — Open to Relocation (U.S.)
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Professional Summary

Software Engineer (SDE III) with hands-on experience designing and developing REST APIs, microservices, and web applications supporting enterprise business workflows and client data platforms. Proven experience gathering requirements, translating user stories into technical solutions, and delivering API and web features in agile environments. Strong background in backend development, database integration, CI/CD automation, and cross-team collaboration. Keen interest in AI/ML systems and applied intelligent automation. Seeking roles in high-scale engineering teams.

Technical Skills

Languages: C, Python, Java (core & advanced), JavaScript, PHP, TypeScript, C#

Frameworks & Web: React, RESTful APIs

Cloud & DevOps: CI/CD, Docker, Kubernetes concepts, Azure, AWS Services

Data & ML: Data Structures, Databases, Machine Learning, NLP

Other: Cybersecurity fundamentals, Software Engineering best practices

Professional Experience

Paycom — Dallas, TX

Software Developer III (Jan 2025 – Jan 2026) — Software Developer II (Jan 2024 – Dec 2024) — Software Developer Intern (May 2023 – Aug 2023)

- Designed and implemented modular microservices for employee management (onboarding, role management, reporting), improving maintainability and enabling faster feature rollout.
- Engineered and delivered scalable HR and Payroll service modules using PHP, React, and SQL, optimizing backend architecture and external integrations to support seamless data flow across Paycom's enterprise ecosystem.
- Served as emergency responder for critical production incidents, resolving system failures and data corruption requiring immediate resolution.
- Managed small to medium sized complex projects by reviewing requirements and turning them into technical solutions.
- Streamlined deployment workflows by enhancing CI/CD automation, Dockerized microservices, and partnering with QA and Application Support to ensure 99.9% uptime.
- Collaborated cross-functionally with product managers, client teams, and internal stakeholders to clarify specs, implement client-specific enhancements, and deliver high-quality software aligned with HCM industry standards.
- Developed and refined RESTful backend services, improved API reliability and performance, and collaborated cross-functionally to ship features end-to-end.

- Built a full-stack employee directory web app during internship that included hierarchical org-chart visualizations and streamlined UI workflows.

University of Oklahoma — Graduate Teaching Assistant

Norman, OK

Aug 2022 – Dec 2023

- Assisted in teaching undergraduate courses: “Introduction to Programming for Non-Programmers” and “Introduction to Programming for Programmers.” Both courses are exclusively focused on Java, covering core Java concepts, advanced Java programming, and Java-based application development.
- Conducted lab sessions, graded assignments, and provided one-on-one support to over 100 students each semester.

Intellect Design Arena Ltd. — Fabric Platform Intern

Hyderabad, India

May 2019 – July 2019

- Worked on Azure Service Fabric microservices platform supporting API-driven distributed applications.
- Assisted with cloud service integration and microservice lifecycle management.

Education**Master of Science, Computer Science — University of Oklahoma**

GPA: 4.0

Dec 2023

Bachelor of Technology, Computer Science Engineering — Shiv Nadar University

July 2021

Projects**Redactor for Text Data**

Feb 2023 – Apr 2023

- Developed a redactor using NLTK in Python that accepts plain text documents, detects sensitive items, and redacts them.

Multicast Client Server Application using UDP

Oct 2022 – Nov 2022

- Developed a networking application implementing a multicast server and client in C that supports multicast communication.

Predicting Song Popularity using Machine Learning

Jan 2021 – May 2021

- Built a machine learning model with 91% accuracy and identified Spotify follower count as a key feature influencing song success.

Online Law System

Jul 2020 – Dec 2020

- Developed a web-based application allowing users to search laws and lawyers and register cases.