

Megha Narendra Simha

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Software Developer and AI Enthusiast Specializing in Full-Stack Development, Cloud Platforms, and Scalable Systems | Seeking New Opportunities in Software Engineering roles.

Education

Master of Science in Computer Science, City University of Seattle, Seattle, GPA: **3.9**

Bachelors in Computer Science and Engineering, JSSATE, Bengaluru, GPA: **7.0**

Skills

Programming, Frameworks & Cloud: C#, .NET Core, Python, TypeScript, JavaScript, HTML/CSS, React, Angular, Vue.js, Node.js, Next.js, SQL Server, MySQL, MongoDB, Cosmos DB, DynamoDB, Azure, AWS (EC2, Lambda, API Gateway, S3), Docker, Kubernetes, Terraform.

AI/ML & Agentic Systems: Generative AI tools (GPT, Gemini, Claude, Copilot, Ollama), LangChain, OpenAI APIs, multi-agent systems, prompt engineering, LLM fine-tuning, retrieval-augmented generation (RAG), PyTorch, TensorFlow, scikit-learn, MLOps, model deployment and serving.

Software Engineering & Architecture: RESTful APIs, GraphQL, CI/CD (GitHub Actions), software testing and automation, OOP,DDD, CQRS, API-first design, event-driven microservices, distributed systems, system design, design patterns, Agile/Scrum, OAuth, JWT.

Experience

Student Worker / Teaching Assistant, City University of Seattle, Seattle, WA

Jan 2025 – Present

- Supported **AI, Database Systems, and Cloud Computing** courses for **200+ students** and **8 professors**, managing course shells and resolving technical issues.
- Organized a **Hackathon with 50+ participants**, coordinating projects, mentorship, and logistics for student engagement.

Software Developer Intern, Costco Wholesale, Issaquah, WA

Jun 2024 – Aug 2024

- Enhanced distributed **.NET Core microservices** for pricing and inventory, improving API response times by **30%**.
- Enhanced API security and access control using **OAuth2, JWT, and .NET Core middleware**, reducing vulnerabilities and ensuring secure data transactions.

Application Development Analyst, Accenture, Bangalore, India

Feb 2022 – Feb 2023

- Built enterprise Hoteling App using **ASP.NET Core, C#, and SQL Server**, streamlining workspace booking for **10,000+ users**.
- Deployed services via **Azure DevOps CI/CD**, improving release efficiency and service reliability by **35%**.

Software Developer, NTT Data, Bangalore, India

Apr 2019 – Mar 2021

- Developed **C# .NET Windows** applications using **ADO.NET** and automated workflows with PowerShell for McKesson Pharmacy.
- Optimized data synchronization between SQL Server and internal systems, reducing manual processes by **20%**.

Achievements

- 3rd Place**, SET Pitch Competition **2024**, organized by Net Impact, City University of Seattle
- Dean's List, Summer **2024**, Fall **2024**, Winter **2025**, Spring **2025**, Summer **2025** – Top **10%** in the Computer Science department

Projects

- Developed **Visual Insight Generator**, a React tool using AWS Rekognition, Lambda, and DynamoDB, achieving **95%** detection accuracy on over **200** images.
- Built **Expiry Tracker**, a MERN app for grocery expiry tracking with AI recipe suggestions via Ollama, reducing food waste by **20%** for **100+** users.
- Created **BeyondBabyBlues**, an AI Agent for Postpartum Depression using **Flask, LangChain ReAct, and Mistral AI**, integrating RAG, and **Google Calendar API** for mental health support and automated specialist matching.