

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.