

# SIDDARTHA REDDY CHINTHALA

Cincinnati, OH | (513) 253-3964 | [siddarthareddychinthala@gmail.com](mailto:siddarthareddychinthala@gmail.com) | [linkedin.com/in/siddarthareddy9](https://www.linkedin.com/in/siddarthareddy9) | [github.com/SIDDARTHAREDDY8](https://github.com/SIDDARTHAREDDY8)

## PROFESSIONAL SUMMARY

---

Results-driven Software Engineer with 2+ years of hands-on experience designing, building, and deploying production-grade systems. Master's in Computer Science (GPA: 3.6/4.0) with strong proficiency in Python, JavaScript, and Java. Full-stack capabilities spanning React frontend development, Python/Node.js backend services, and cloud infrastructure. Demonstrated expertise in building scalable systems, optimizing databases, designing REST APIs, and integrating AI/LLM systems into production applications. Proven track record delivering high-quality code with 300+ automated tests and 85% coverage. Skilled collaborator across cross-functional teams with strong communication abilities. Passionate about solving complex technical problems and building reliable, maintainable software.

## TECHNICAL SKILLS

---

**Languages:** Python, JavaScript, TypeScript, Java, SQL, Go

**Frontend:** React, TypeScript, JavaScript, HTML5, CSS3, Component Architecture, Responsive Design

**Backend:** Python, Node.js, REST API Design, FastAPI, Express, Microservices, Async Programming

**Databases:** PostgreSQL, MySQL, MongoDB, SQL Optimization, Database Design, Query Performance

**Cloud & DevOps:** AWS (Lambda, RDS, S3, EC2), Docker, CI/CD Pipelines, Git, Linux/Unix, Deployment Automation

**Specialized:** LLM API Integration (Claude, OpenAI), AI Agent Systems, Automated Testing, Code Quality, Agile/Scrum

## PROFESSIONAL EXPERIENCE

---

**Software Engineer Intern** | DXC Technology, Remote | June 2025 – Present

- Designed and deployed 2+ full-stack applications with Python backends and React frontends; created REST APIs (3+ services); implemented modular architecture supporting production systems.
- Integrated AI systems (Claude, OpenAI APIs) into production; optimized PostgreSQL and MySQL databases; deployed on AWS with Docker and CI/CD pipelines achieving 99% uptime.
- Built comprehensive testing infrastructure with 300+ tests achieving 85% code coverage; collaborated with 8+ teams; contributed to 50+ code reviews ensuring code quality standards.

**Full Stack Developer** | Digital Technology Solutions (DTS), University of Cincinnati | September 2024 – May 2025

- Developed 3+ full-stack applications using Python/Node.js backends and React frontends; designed REST APIs with proper schema documentation; created efficient database designs.
- Managed PostgreSQL and MongoDB systems for production applications; optimized database queries for performance; implemented data pipelines for processing at scale.
- Worked in Agile/Scrum environments (12+ sprints) with 8+ team members; contributed to architecture decisions; documented technical solutions and established code quality standards.

**Software Engineer** | Tata Consultancy Services (TCS), Hybrid, India | January 2023 – August 2024

- Shipped 4+ production systems; designed REST APIs (15+ endpoints); built microservices and backend services supporting enterprise-grade operations.
- Optimized SQL queries and database performance; designed relational database schemas; managed PostgreSQL and MySQL for production workloads with performance improvements.
- Participated in 12+ Agile sprints; contributed to 50+ code reviews; applied design patterns and architectural best practices to production systems.

## KEY PROJECTS

---

**TalentAI – Full-Stack AI Application** | [usetalentai.vercel.app](https://usetalentai.vercel.app)

- Designed and shipped production full-stack application with React/TypeScript frontend and Python/FastAPI backend; deployed on AWS with Docker containerization.
- Integrated LLM APIs (Claude, OpenAI); built REST APIs (5+ endpoints); designed PostgreSQL database schemas for efficient state management and retrieval.
- Implemented comprehensive testing (300+ tests, 85% coverage); deployed CI/CD pipelines; achieved 99% uptime with production-grade reliability and performance optimization.

## EDUCATION

---

**Master of Science, Computer Science** | University of Cincinnati, Cincinnati, OH | April 2026 | GPA: 3.6/4.0