

SIDDHESH MORE

[✉ mosiddhesh@gmail.com](mailto:mosiddhesh@gmail.com) [in sidessh](https://www.linkedin.com/in/sidessh) [ig sidesshmore](https://www.instagram.com/sidesshmore) [www sidesshmore.com](https://www.sidesshmore.com) [📞 +1 \(480\) 567-6235](tel:+14805676235) [📍 Tempe, AZ](https://www.google.com/maps/place/480+567-6235)

Education

Arizona State University <i>Master of Science in Computer Science</i> GPA - 4.0/4.0	Aug 2025 – Present <i>Tempe, Arizona</i>
University of Mumbai <i>Bachelor of Engineering in Artificial Intelligence and Data Science</i> GPA - 3.72/4.0	Aug 2021 – May 2025 <i>Mumbai, India</i>

Work Experience

CIS Research Aide Arizona State University	Dec 2025 – Present
<ul style="list-style-type: none">Built scalable FastAPI microservices with RAG-enhanced LLM routing, deploying ML pipelines on AWS Lambda with CI/CD using GitHub Actions to process 500+ daily queries with 95% contextual accuracy.Architected chat-history retrieval system with Supabase PostgreSQL, implementing caching and real-time sync to reduce query latency by 60% across frontend-backend integration.	
Software Development Intern Ayuarogya Saukhyam Foundation	Sept 2024 – Mar 2025
<ul style="list-style-type: none">Engineered cross-platform mobile app using Flutter with Supabase backend, implementing OAuth 2.0 authentication and real-time sync that scaled to 300+ rural users with 99.5% uptime.Designed accessible responsive UI with multi-language support and voice navigation across 15 screens, reducing onboarding time by 40% through A/B testing and user feedback.	
Python Development Intern Digibrandlers Private Limited	Jun 2023 – Aug 2023
<ul style="list-style-type: none">Developed production ready RESTful APIs using Django REST Framework, implementing Redis caching and query optimization to achieve 60ms response time for ERP operations handling 50K+ daily requests.Optimized PostgreSQL schema across 15+ tables by adding composite indices and restructuring joins, reducing report generation from 45s to 6s and improving query performance by 85%.	

Projects

Text2SQL System (SOTA on Spider 1.0) <i>Python, PostgreSQL, FAISS, Streamlit, LangChain</i>	Link
<ul style="list-style-type: none">Architected state-of-the-art Text2SQL pipeline with dual-similarity retrieval using FAISS vector DB, query routing, and decomposed generation, achieving 91.8% execution accuracy on Spider 1.0 benchmark (ranked #1).Outperformed MiniSeek (91.2%) and DAIL-SQL + GPT-4 (86.6%) by 5.2 points through NatSQL-based decomposition and self-correction, reducing SQL syntax errors by 73%.	

Referrly App <i>PostgreSQL, Docker, Flutter, Next.js, Express.js, Render</i>	Link
<ul style="list-style-type: none">Launched full-stack referral platform serving 1,400+ mobile users and 3,600 web visitors, achieving 200 MAUs with 14% retention rate through gamification and push notifications.Built scalable microservices with Flutter mobile app, Next.js/Express.js web platform, and PostgreSQL on Render with Docker, processing 100+ job applications via automated matching.	

Aqua Trace App <i>Firebase, TensorFlow, MobileNet CNN, Flutter</i>	Link
<ul style="list-style-type: none">Published Google Play Store app tracking water footprints with 800+ downloads across 50 countries, reducing average user consumption by 18% through personalized insights and recommendations.Trained and deployed MobileNet CNN on 6,000+ images across 42 categories, achieving 89% accuracy with 120ms inference using TensorFlow Lite on-device processing.	

Technical Skills

Languages: Python (NumPy, Pandas, Matplotlib, Scikit-learn), JavaScript/TypeScript, Java, Dart, C/C++, SQL, HTML/CSS, Bash	
Frameworks & Libraries: React, Next.js, Node.js, Express.js, Django, Flask, FastAPI, Spring Boot, Flutter, TensorFlow, PyTorch, LangChain, Streamlit, Keras	
Databases & Cloud: PostgreSQL, MySQL, MongoDB, Redis, Firebase, Supabase, AWS (Lambda, S3, EC2, RDS), GCP, Azure, Docker, Kubernetes	
Tools & Practices: Git, GitHub Actions, Jenkins, CI/CD, Postman, Swagger, Figma, Jest, Pytest, JUnit, Agile/Scrum, RESTful APIs, GraphQL, Microservices, Test-Driven Development	
Core Competencies: Data Structures & Algorithms, System Design, Distributed Systems, Machine Learning, Deep Learning, Full-Stack Development, API Development, Database Design, Cloud Architecture	