AJITHA YASMIN SRIRAMAN

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LinkedIn | GitHub | Blog

PROFESSIONAL SUMMARY

Developer Advocate with 14+ years of experience spanning software engineering, developer education, and AI-driven development. Experienced in building and explaining modern AI systems including agentic frameworks (LangGraph, CrewAI, AutoGen), Model Context Protocol (MCP), RAG architectures, and LLM application tooling. Skilled at translating complex AI and API ecosystems into practical developer workflows through technical content, demos, and prototypes. Combine strong engineering fundamentals with AI-assisted development to research, prototype, and communicate scalable solutions for developer communities.

EMPLOYMENT HISTORY

Developer Advocate

Zoom | Ontario, Canada | JAN 2023 – PRESENT

- Create technical content, demos, and sample applications that drive developer adoption of Zoom APIs and SDKs
- Build and prototype AI-powered developer workflows using agentic frameworks (LangGraph, CrewAI, AutoGen) and LLM tooling
- Experiment with emerging AI architectures including MCP integrations, RAG pipelines, and LLM application frameworks
- Leverage tools such as OpenAI SDK, Hugging Face, Gradio, and n8n to rapidly prototype developer solutions and educational content
- Deliver technical demos and workshops that help customers integrate Zoom capabilities into modern AI and automation systems
- Provide hands-on technical guidance that accelerates partner implementations and improves developer experience

Lead Engineer

Avaya | Bangalore | APR 2017 – JAN 2023

- Led development of Android SDK features to shorten release cycles and increase delivery predictability
- Implemented Go backend services for call handling to improve call stability with measurable uptime gains
- Developed C++ media modules to optimize cross-platform processing and reduce latency
- Coordinated cross-functional teams in AGILE to cut bug turnaround and improve release quality

Member of Technical Staff (R&D)

Mavenir | Bangalore | OCT 2015 – MAR 2017

- Developed end-to-end client features for WiFi calling, improving call reliability with measurable results
- Integrated media engine for voice quality assessment and automated MoS score collection across clients
- Migrated legacy Eclipse projects to Android Studio, reducing build errors and accelerating development cycles
- Built and documented SDKs for clients, simplifying app integration and shortening onboarding time

Senior Software Engineer

Sasken | Chennai Area, India | JUN 2011 – NOV 2014

- Implemented WebRTC Android UI components and web socket integration improving cross-platform call stability
- Led development of RCS API modules including Messaging, Presence, and SIP to support device app interoperability
- Wrote unit and instrumentation tests to achieve 80% code coverage reducing regressions during releases
- Resolved protocol stack integration issues and reduced integration defects, improving release readiness

Associate

Cognizant Technology Solutions | Chennai Area, India | DEC 2014 – OCT 2015

- Integrated Angular components into native app delivering improved image capture workflow and reduced user steps

- Developed and maintained an image enhancement library that increased OCR success rates with measurable results
- Implemented robust web service calls and response parsing to streamline data upload and processing

EDUCATION

Bachelor of Engineering (B.E.), Computer Science

Anna University, Chennai

SEP 2007 − APR 2011

High School Education, Biology, General

St. Thomas MHSS, Chennai

2005 − 2007

TECHNICAL SKILLS

Languages:	Golang, Python, C++, Java, JavaScript, Angular
Platforms & Frameworks:	Android SDK, WebRTC, GCP, Microservices Architecture
Tools & Technologies:	Git, GitHub, AGILE/Scrum, Android Studio, SDP, RCS API, WiFi Calling
Specializations:	Developer Advocacy, Technical Documentation, SDKs, API Integration, Telecom & CPaaS Solutions

CORE COMPETENCIES

- ✓ Developer Adoption & Community Building
- ✓ Technical Content Creation & Video Production
- ✓ Presales Demonstrations & Sales Cycle Reduction
- ✓ Post-Sales Support & Customer Success

- ✓ Cross-platform Development & Integration
- ✓ Microservices Architecture
- ✓ API Design & Documentation
- ✓ Team Leadership & Cross-functional Coordination