MICHAEL RECCHIA

EXECUTIVE TECHNOLOGY LEADER | NETWORK & SOFTWARE ENGINEERING • AI • 2G–6G • CLOUD/EDGE

Lakewood, NJ | 908-540-1819 | mrecchia1@gmail.com | linkedin.com/in/michael-annibale-recchia/

Dear Hiring Manager:

I am writing to express my interest in senior technology leadership opportunities where my background in networking and software engineering, artificial intelligence, next-generation wireless and wireline networks, cloud/edge computing and large-scale systems engineering can contribute to an organization's strategic and technical objectives.

My career combines senior technology leadership with hands-on network and software engineering across practically all generations of cellular and wireline networking, including 2G through 6G and Layers 1 through 7. My experience includes leadership and principal engineering roles at Bell Labs/AT&T Labs, Verizon Wireless, MITRE Labs and Red Hat, and I currently serve as CEO/CTO and Principal Scientist & Engineer at AdaptNet AI Labs. I am also a Certified AWS Cloud Practitioner.

My current work is strongly focused on the technologies shaping the next generation of communications and computing: Human Learning Model (HLM)-based AI, generative AI, AI-RAN, 5G/6G, O-RAN, network slicing, edge computing and cloud-native network architectures. At AdaptNet AI Labs, I invented and am developing an HLM approach to artificial intelligence and lead development of AdaptOne, an AI platform based on that work.

HLM technical paper: View technical paper

AdaptOne technical paper: View technical paper

At MITRE, I designed and developed its first 5G laboratory, integrating network slicing, Multi-Access Edge Cloud, Radio Edge Cloud and O-RAN, and represented MITRE in O-RAN Working Groups 3 and 6. At Red Hat, I developed cellular solutions using OpenShift and virtualized RAN architectures and applied the O-RAN RIC to AI-driven RAN optimization. Earlier, at Bell Labs and AT&T Labs, my work included development of the industry's first RAN Intelligent Controller for AI-RAN, invention of Akraino, AI-based network automation and certification, and advanced network and software engineering.

I bring a combination of executive leadership, scientific and engineering depth, extensive networking and software engineering expertise, and deep specialization in AI and cellular and wireline systems. I am equally comfortable defining technology strategy, developing architecture with engineering teams, mentoring technical professionals, and becoming directly involved in difficult engineering problems.

I would welcome the opportunity to discuss how my current work and technical leadership can contribute to your organization's next generation of AI-enabled products, networks and systems.

Thank you for your consideration. I look forward to speaking with you.

Sincerely,

Michael Recchia

908-540-1819 | mrecchia1@gmail.com