

Jeremy Amsellem

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Work Summary

- Highly experienced professional with a strong background in designing and deploying innovative GenAI strategies, conversational AI solutions and Agentic architecture. Driving business transformation through AI.
- Expert in applied AI, conversational AI for multiple verticals (bank, insurance, healthcare...) for on-prem and cloud-based platforms.
- Strong leadership experience focusing on AI adoption and optimizing performance. Driving strategic AI adoption.

Work History

Founder & CTO Jamselle Consulting	08/2022 - Present New York, NY
<ul style="list-style-type: none">• Providing comprehensive cloud architecture guidance to early-stage tech startups,• Enabling rapid scaling and competitive advantage through robust cloud architecture• Designing and implementing cloud-native infrastructure solutions for AI-driven startups,• Delivering distributed systems-based analytics platforms driven by bigdata (elasticsearch & looker).• Leading strategic technology selection and deploying scalable microservices architectures (AWS, Azure...)• Mentoring founders on best practices, optimizing ML pipelines and reducing model deployment cycles (CICD).• Establishing data management strategies for sensitive customer information, compliance, and analytics.	
Senior Solution Architect Hyro.ai	06/2024 - 06/2025 New York, NY
<ul style="list-style-type: none">• Leading solution architecture and AI implementation strategies at Hyro (healthcare focused).• Architecting scalable deployments across distributed environments.• Evaluating customers' systems and designing roadmaps that accelerate adoption by up to 40%.• Driving technical discovery workshops with C-level stakeholders,• Translating business requirements into technical requirements.• Implementing proof-of-concepts (POC) for clients with integration (EPIC, Salesforce, EHR).• Reducing implementation timelines by 30%.• Partnering with product teams to develop product roadmaps based on customer feedback.• Designing custom ML solution architectures for healthcare services clients• Implementing specialized NLP pipelines and LLM with 87% accuracy for > 10,000 daily interactions.	
VP of Solution Architecture OneReach.ai	06/2022 - 09/2023 Remote
<ul style="list-style-type: none">• Strategically built and led a global team of 12 technical experts.• Led technical customer engagements for a no-code/low-code AI automation platform.• Delivered enterprise cloud solutions across industries.• Conducted technical discovery and solution design sessions with enterprise clients• Evaluated existing environments and developing roadmaps for cloud migration and AI integration.• Architected multi-cloud integration solutions (AWS, Azure, Google cloud).• Developed and implemented POC strategies, converting 70% of evaluations into production deployments.• Established architectural best practices and playbooks that reduced production outages by 50%.	

Senior Product Manager	01/2022 - 06/2022
Social Native	Remote
<ul style="list-style-type: none"> • Drove product strategy for this visual content platform. • Led technical discovery workshops to identify requirements and integration challenges • Translated business objectives into scalable product recommendations. • Designed scalable technical solutions for content processing and distribution challenges. • Developed and presented technical roadmaps to executive stakeholders. • Bridged communication between technical and business teams serving as a technical advisor. • Created and implemented data-driven product improvement strategies based on user analytics and feedback. 	
Head of Cognitive Architects	06/2016 - 01/2022
Amelia	New York, NY
Led the technical solution architecture team.	
Developed and executed a strategic vision for the Cognitive Architects team.	
<ul style="list-style-type: none"> • Architected enterprise-grade AI deployments for clients from all industries • Designed integration strategies that reduced the implementation time by 45%. • Conducted technical discovery workshops with executive stakeholders. • Developed and managed the Amelia cognitive library creating reusable solution components. • Designed integration frameworks connecting with various enterprise systems and third-party cloud services. • Mentored implementation engineers on best practices in solution architecture • Created scalable technical documentation that standardized deployment approaches across the organization. 	
Senior Application Support Engineer/Architect	
Morgan Stanley	New York, NY
Senior Application Support & Quality Assurance Engineer	
Societe Generale CIB	New York, NY
Quality Assurance Engineer & Project Manager	
Pando Networks Inc	New York, NY
Skills	
AI Integration, Analytical Expertise, Cloud platforms (AWS, Azure), Contact Center as A Service (CCaaS), Conversational AI, Generative AI, LLMs, Natural Language Processing, Python, Java, Groovy, Perl, RAG, Requirements Analysis, Roadmap Development, Solution Architecture, Solution Design, Technical Discovery Workshop, Healthcare Data Standards, Vector database, dialog management	
Core Competencies:	
AI Framework, AI Strategy, Client Engagement & Communication, Collaboration & Leadership, Consulting Expertise, Cross-functional collaboration, Product Management	
Education	
Master of Science in System Strategy and Management	
Stevens Institute of Technology	New York, NY
Master of Science in Computer Science and Information System	
Ecole Pour l'Informatique et les Techniques Avancées (EPITA)	Paris, France

Certifications

High-performance leadership
eCornell

Online

Selected Achievements

- Delivered analytics solutions that reduced implementation timelines by 30% and improved clinical decision-making for healthcare clients.
- Led teams in applying generative AI to accelerate insight delivery and enhance analytics usability for clinicians and health leaders.
- Successfully brought multiple analytics products to market, enabling measurable improvements in operational and clinical outcomes.