

# JOHN F. BARTLETT

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## EXECUTIVE SUMMARY

Experienced Technical Project Manager with a focus on AI, NLP, and machine learning applications, particularly in Agile environments. Proven success in leading multi-disciplinary teams to deliver large-scale engineering and software development projects, including chatbot solutions and contact center applications. Adept at driving innovation through consultative leadership and strategic technology integration, aligning business and technical objectives to achieve operational excellence. Strong technical expertise in Generative AI and cloud infrastructure, including GCP, AWS, and Azure.

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## CORE COMPETENCIES

- **AI/ML Project Management** (Large Language Models, NLP, Chatbot Development)
  - **Agile Methodologies** (Scrum, Kanban, Sprint Planning)
  - **Risk Management & Mitigation**
  - **Stakeholder Communication & Alignment**
  - **Team Leadership & Coordination** (Cross-functional, remote and on-site teams)
  - **Generative AI & NLP Technologies** (Pinecone, Langchain, Google AI)
  - **Cloud Infrastructure Management** (AWS, GCP, Azure)
  - **Technical Consulting & Systems Architecture**
  - **Budget & Resource Management**
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## PROFESSIONAL EXPERIENCE

### INDEPENDENT CONSULTANT – JF BARTLETT & ASSOCIATES

*Technology Management and AI Solutions*

*2003 – Present*

- Led the successful development and deployment of a **Generative AI-driven legal chatbot** for a law firm using **500GB of proprietary data**, reducing associate workload by **40%** and increasing productivity.

- Managed a **multi-disciplinary, multi-time zone team** for the development of **LLM (Large Language Model) solutions** utilizing **Google AI infrastructure (GCP, TensorFlow, Pinecone, Langchain)**.
- Implemented **AI-driven process automation** across manufacturing environments, leading to a **30% improvement in operational efficiency**.
- Designed, implemented, and managed cloud migrations for clients, optimizing infrastructure using **AWS, Google Cloud, and Azure**.
- Coordinated cross-functional teams, ensuring on-time and within-budget project delivery.
- Provided consultative guidance on AI-based product development, leveraging cutting-edge technologies in **NLP, ML, and LLMs**.
- Defined and managed all technology development for a call center based lead generation company in Chicago

### **EMI INDUSTRIES – Lead Infrastructure Project Manager**

*Tampa, Florida*

*5/2023 – 12/2023*

- Orchestrated the end-to-end infrastructure modernization project plan of manufacturing systems, integrating **AI-powered data collection and real-time analysis** to boost operational capabilities.
- Led stakeholder communication, facilitating alignment between technical teams and business objectives, ensuring transparent and effective decision-making.
- Utilized **Agile methodologies** to ensure consistent project delivery, meeting timelines and reducing costs by **20%**.

### **UNDISCLOSED CLIENT (USA) – Project Manager, AI Implementation**

*4/2022 – 5/2023*

- Managed a **large-scale LLM development project**, utilizing **500GB+ of proprietary data** for training a generative AI model.
- Achieved a **40% reduction in processing time** through AI-driven automation techniques.
- Coordinated project timelines, resources, and team activities in a **multi-time zone environment**, ensuring effective collaboration and resource allocation.

### **KASHWERE / TMG KREATIONS LLC – Director, Technology**

*Northbrook, Illinois*

*1/2019 – 3/2022*

- Managed a **\$2.5M cloud modernization project** integrating **AI-driven operational systems** for an online retailer, increasing operational efficiency by **25%**.
- Spearheaded the transition of company infrastructure to **Google Cloud Platform** and **VMware**, resulting in a **30% reduction in IT costs** and improved system reliability.

## **WILLIS STEIN & PARTNERS – Director, Information Systems**

*Chicago, Illinois*

*11/2012 – 11/2018*

- Led a comprehensive **cloud migration initiative** moving all services to **AWS** and **Google Cloud**, ensuring business continuity and compliance across platforms.
- Implemented AI solutions for operational optimization, focusing on integrating **data security** and **risk mitigation** in line with business goals.

## **MyFootPath – CTO**

*Chicago, Illinois*

*1/2010 – 11/2012*

Led the management and growth of software development and support environments, ensuring operational efficiency within **85% of budget**.

- Hired and managed both **onsite and offshore development and support teams**, overseeing day-to-day operations and coordinating efforts across multiple time zones to maintain a **24x7 uptime** for critical systems.
- Aligned **technology strategy** with business goals, overseeing the management of **50+ servers** and **150+ workstations** in a **Windows AD environment**, alongside Google Apps and client-facing websites handling **50K daily hits** hosted on platforms including **Google, IBM, Rackspace, and AWS**.
- Managed the **Linux VOIP system** supporting a **100+ person call center**, ensuring seamless communication and system reliability.
- Directed the development of key client-facing products and internal systems, including a **call center CRM, data scrubbing system, report generator, and dynamic website management system**, utilizing technologies such as **PHP, Python, JavaScript, Perl, Java, JQuery**, and **Objective-C** on both **Unix and Windows-based platforms**.
- Led a cross-functional team of **20+ developers**, contractors, and consultants, ensuring successful project delivery and efficient resource utilization.

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## **EDUCATION**

**Mount Allison University**, Sackville, Canada

B.A., Philosophy and Computer Science

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## **CERTIFICATIONS**

- **Google Cyber Security Analyst**
- **Google Project Management**

- **AWS Solutions Architect**
  - **Cisco Call Manager (VOIP systems)**
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## **TECHNICAL SKILLS**

- **Languages:** Python, SQL, Bash, Node.js
  - **Cloud:** AWS (EC2, S3, VPC), GCP, Azure (Compute, Storage, AD)
  - **AI/ML Frameworks:** TensorFlow, Langchain, Pinecone, scikit-learn
  - **Tools:** Jira, Confluence, Git, Jenkins
  - **Methodologies:** Agile/Scrum, Waterfall
  - **Others:** Docker, Kubernetes, VMware, Google Workspace
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## **LANGUAGES**

- **English** (Native)
- **Italian** (Fluent)
- **French** (Conversational)