NexGen & AI technologies | Multi-cloud | LLM | RAG | AI for Healthcare | LangChain | Hugging Face | Azure ML | Google Vertex AI  
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### ****Summary****

Accomplished technical professional with **12.8 years of experience** in software development, AI technologies, and engineering leadership. Specialized in driving innovation through **LLMs, RAG techniques**, and **multi-cloud architectures**. Adept at building and managing teams, designing AI-powered systems, and delivering large-scale projects in healthcare, telecom, and banking domains.

### ****Core Competencies****

* **Engineering Management:** Proven expertise in team building, Agile leadership, and cross-functional collaboration to achieve impactful business outcomes.
* **AI Solutions Expertise:** Skilled in developing AI-driven architectures using **Azure OpenAI**, **LangChain**, and **Hugging Face** frameworks.
* **Cloud Integration:** Hands-on experience in **Azure**, **AWS**, **GCP**, and hybrid cloud solutions.
* **AI/ML Application Development:** Proficient in implementing AI/ML frameworks in imaging, diagnostics, and intelligent systems.
* **Programming:** Deep knowledge of **Python**, **Docker**, **Kubernetes**, and CI/CD pipelines.

### ****Professional Experience****

#### **Tata Consultancy Services**

**AI Platform Architect** (March 2023 – Present)

* Led the design and development of healthcare solutions using **Azure OpenAI** and cloud integration to enhance diagnostic accuracy.
* Architected and implemented **RAG-based AI solutions** for real-time healthcare decision-making, leveraging **Azure ML**.
* Spearheaded migration projects from on-prem to **Azure Datacenters**, ensuring robust security and compliance.
* Mentored teams in AI technologies such as **LLMs**, **LangChain**, and **Hugging Face** frameworks to foster innovation.
* **Awards & Recognition:** Delivered ground-breaking automation strategies recognized for excellence in healthcare AI.

**Cloud Architect** (January 2022 – March 2023)

* Designed multi-cloud strategies for **GE Healthcare**, implementing AI-enhanced imaging solutions and **FHIR/HL7 APIs** for healthcare integration.
* Developed security and networking infrastructure for cloud migrations, empowering seamless operations.
* **AI Skills:** Applied **machine learning** algorithms in healthcare imaging systems, integrating next-gen diagnostic tools.

#### **Capgemini Engineering**

**Technical Lead** (October 2019 – January 2022)

* Directed AI projects for telecom clients, focusing on network orchestration and IoT device analytics.
* Led initiatives incorporating **AI/ML algorithms** into telecom solutions, enhancing security and 5G advancements.
* **AI Skills:** Integrated AI-based performance monitoring and predictive analytics across IoT systems.
* Managed diverse teams of engineers, fostering collaboration and continuous improvement.
* **Awards:** Recognized for leadership excellence in delivering AI-driven telecom innovations.

#### **Siemens Healthineers**

**Senior Software Engineer** (July 2017 – October 2019)

* Transitioned monolithic healthcare systems into **microservices architecture** using AI-enabled pipelines.
* Implemented **AI/ML technologies** to optimize diagnostic imaging systems.
* **AI Skills:** Designed DevOps workflows for AI frameworks, including **Docker** and **Kubernetes**, to streamline operations.

#### **Synechron**

**Senior Associate** (May 2016 – July 2017)

* Developed CI/CD integrations for **Morgan Stanley**, automating deployment pipelines across business units.
* **AI Skills:** Collaborated on AI-driven systems to improve analytics and business intelligence insights.

#### **Raw Engineering**

**Application Engineer** (May 2015 – May 2016)

* Built web applications integrated with **cloud-based technologies** for seamless operations.
* Incorporated IOT based tracking tools for data tracking and predictive analytics in business applications.

#### **Tresbu Technologies Pvt. Ltd.**

**Associate Software Developer** (August 2012 – April 2015)

* Designed IoT solutions with real-time geolocation tracking and AI-enhanced analytics for device monitoring.
* Developed video conferencing features using **cloud based WebRTC** tools, enabling dynamic user interactions.

### ****Education****

**Bachelor's Degree in Electronics and Communication Engineering**  
Visvesvaraya Technological University (2008–2012)

### ****Awards & Certifications****

* 50k Service Milestone - Cisco
* OpenHack Participation - Microsoft
* Web App Security Testing Achievement
* Top 300 Shortlisted Ideas Across India - AI Innovations

### ****Publications****

* **WebRTC:** Research and technical insights on real-time communication and AI integration.