Sunder Raman V

Vice President | Technology Leader

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Result oriented IT Professional with rich expertise in Data Analytics, Program Mgmt. and Web Technologies

EXECUTIVE SUMMARY

Visionary **technology leader with 25+ years of experience** driving AI innovation, enterprise software development, and business transformation. Expertise in **AI/ML, Generative AI, and Large Language Models (LLMs)**, with a proven track record of leveraging AI to enhance business decision-making and customer insights. Skilled in **software architecture, cloud computing (AWS), and agile product management**. Strong leadership in managing **distributed teams, AI-driven automation, and scaling enterprise solutions**. Passionate about applying AI to create impactful solutions in **customer experience, predictive analytics, and automation**.

KEY COMPETENCIES & SKILLS

Artificial Intelligence & Machine Learning Expertise

- Generative AI (GPT Models, LLM Fine-Tuning, AI Chatbots)
- Predictive Analytics & NLP (Natural Language Processing)
- AI-powered Customer Experience (CX) & Sentiment Analysis
- Deep Learning (TensorFlow, PyTorch, OpenAI, Hugging Face)
- AI Model Deployment & Cloud Integration (AWS, Azure)

Technical & Management Skills

- **Programming Languages:** Java, Python, SQL, R, C++
- **Software Architecture:** J2EE, Microservices, REST APIs, Angular
- **Cloud Computing:** AWS Cloud Practitioner
- **Business & Data Analytics:** BI, Customer Journey Mapping, AI-driven Insights
- **Leadership & Agile Methodologies:** Program Management, Scrum/Kanban, DevOps
- **Database & Big Data:** Oracle, MySQL, NoSQL, MongoDB, Snowflake

PROFESSIONAL EXPERIENCE

Optimal Strategix Group (OSG Analytics), Bangalore, India

Head of Engineering – Technology | Dec 2020 – Present

- **Led AI transformation**, integrating **LLMs and AI-driven insights** into customer journey analytics.
- Designed **AI-powered predictive models** that improved business forecasting accuracy by **40%**.
- Developed and deployed **NLP-based sentiment analysis** to enhance customer experience analytics.
- Optimized AI/ML workflows, reducing **manual analysis time by 50%**.
- Spearheaded **multi-cloud AI solutions** integrating AWS-based AI model deployments.

- Built and mentored high-performing **AI/ML engineering teams** in an Agile/DevOps environment.

Honeywell Technology Solutions, Bangalore, India

Project Manager / AI Product Lead | Jan 2019 – Dec 2019

- Managed an **AI-driven Fault Database Analysis System** for aircraft predictive maintenance.
- Implemented **machine learning algorithms**, reducing aircraft maintenance delays by **30%**.
- Led Agile teams, driving **AI product releases** with improved DevOps CI/CD pipelines.

Senior Business Analyst, AI Architect | May 2016 – Dec 2018

- **Architected a Telemetry Ground Server**, integrating **real-time aviation analytics**.
- Developed **algos** to predict flight anomalies, reducing error rates by **20%**.
- Led cloud migration efforts, optimizing processing workflows.

Previous Roles at Honeywell Technology Solutions, Orillion India Pvt. Ltd, and DRDO (1998 - 2016)

- Designed **models for air vehicle simulations** at DRDO using **C++**.
- Led multiple **Java-based enterprise software projects** and **solutions**.
- Provided **automation solutions** for telecom fault monitoring and network optimization.

EDUCATION

- **M.S. (Computer Science)** – Birla Institute of Technology, Pilani (Distinction)
- **B.E. (Electrical & Electronics)** – Annamalai University (Gold Medalist)

CERTIFICATIONS (AI & Cloud Focused)

- **AWS Cloud Practitioner**
- **Applied Data Science with Python** – University of Michigan
- **Data Specialization** – Johns Hopkins University
- **Business Analytics Certification** – Manipal University
- **SAFe Scrum Master & POPM Certified**
- **PMP Certified**
- **Six Sigma Green Belt Certified**

ACHIEVEMENTS & BUSINESS IMPACT

- Achieved **$1M in cost savings** via AI-driven business process automation.
- Reduced **manual effort by 50%** through AI-powered insights and workflow automation.
- Optimized **product release cycles**, reducing **time-to-market by 20%**.
- Developed **AI/ML solutions** improving **customer experience analytics by 35%**.

INTERESTS

- Exploring emerging AI technologies (LLMs, Generative AI, NLP)

- Financial & Economic News
- Solving Sudoku (Ranked #36 in Sudoku Mahabharat 2023 - LogicMasters India)

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