GURURAJAN NARASIMHAN ERODE, M.E

Senior Architect | Learning & Development | AI & Generative AI Expert | Leader | Strategist, Bengaluru, Karnataka, India

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PROFESSIONAL SUMMARY

Senior Architect and Learning & Development Strategist with **27 years of experience in IT**, including **17 years in Learning & Development** and **12 years in software development** across **Lucent Technologies, Wipro Technologies, and HCL Technologies**.

Subject Matter Expert (SME) in **Generative AI (GenAI), Artificial Intelligence (AI), Machine Learning (ML), and Natural Language Processing (NLP)**. Passionate about **technology training, curriculum design, talent development, capability transformation and Proof of Concept creation** for enterprises.

CORE COMPETENCIES & TECHNICAL SKILLS

- **Programming:** C, C++ and Python

- **AI & ML:** Deep Learning, NLP, Generative AI and Model Training & Deployment

- **Training & Development:** Curriculum Design, Training Delivery, and Technical Mentorship

- **Leadership & Strategy:** Business Strategy, Innovation and Talent Development

- **Digital Transformation:** AI-driven Business Solutions, Intelligent Automation, POC creation and AI and GenAI business presentations

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KEY ACHIEVEMENTS

- **HCL Technologies:** Developed **end-to-end Generative AI training program**, certifying **950 engineers** across ERS Group.

- **Wipro Technologies:** Led training initiatives for **3,000+ engineers** in **AI, ML, and Deep Learning**, certifying **1,500+**.

- **Telecom Industry:** Led **BTS development**, facilitating international knowledge transfer between **Lucent Germany and India**.

- **Startup Founder (2005):** Built **hand-held computing devices** for industry-specific applications.

PROFESSIONAL EXPERIENCE

Senior Architect – Learning & Development (AI & GenAI), HCL Technologies, Bengaluru | June 2023 – Present

- Designed and delivered **Generative AI training at four skill levels**, training **2,500+ engineers**, certifying **950**.

- Led **AI and GenAI training for senior leadership (L3 & L2), including VPs and General Managers**, on business strategy, future trends, and innovation.

- Developed **Python, AI & ML, and GenAI learning modules**—creating content, hands-on labs, and assessments.

- Spearheaded competency-building initiatives to align workforce skills with emerging AI/ML industry demands.

Senior Architect – Talent Transformation (Python, AI & ML), Wipro Technologies, Bengaluru | Sept 2017 – Apr 2023

- Designed and delivered **Python, AI & ML training (Basic to Advanced)**, training **5,500+ engineers**, certifying **2,400**.

- Led competency development programs and defined **skill matrix frameworks** for AI and software engineering teams.

- Created **structured assessments, hands-on projects, and case studies** for applied AI learning.

- Collaborated with business units to identify **upskilling needs**, ensuring alignment with project goals

Freelance Consultant – AI, ML & Python Trainer, (TUX Software Learning Centre) | Aug 2012 – Oct 2017

- Delivered **50+ online AI & ML training sessions** for professionals across India and the US.

- Conducted **campus recruitment training** for leading institutions including **SRM, VIT, and Kongu Engineering College**

Senior Consultant & Trainer – Software Architecture & Wireless Technologies, Wipro Technologies, Bengaluru | Aug 2007 – Jul 2012

- Developed and delivered **training in Software Architecture, Design Patterns, and Wireless Technologies (UMTS 3G, Core Network)**.

- Created structured training programs on **Object-Oriented Design, SOLID Principles, and Clean Code Practices**

Software Architect & Senior Software Engineer, Mascon Communication Technologies, Lucent Technologies, Symbian Software, Wipro Technologies | 1995 – 2007

- Led the **2G/2.5G BTS** (Base Transceiver Station) development and knowledge transfer from Lucent Technologies Germany to India.

- Architected **complex 2.5G IWF systems**, solving customer site challenges in long-tail product phases.

- Developed **wireless networking software solutions** and contributed to **telecom infrastructure projects**.

Educational Qualification

- **M.E. (Applied Electronics)** – Coimbatore Institute of Technology, Bharathiar University (1993–1995)

- **AMIE (Electronics & Communication Engineering)** – IEI (1988–1992)

- **Diploma (Electrical & Electronics Engineering)** – C.N. Polytechnic, Chennai (1983–1986)

- **GATE (ECE) – 82.48 percentile**

TOOLS & TECHNOLOGIES

- **Programming:** Python, C and C++

- **AI/ML Frameworks:** Pandas, Stats models, Matplotlib, seaborn, Jupyter Notebook and scikit-learn

- **Neural Networks and Deep learning frameworks:** TensorFlow, Keras and Pytorch

- **Cloud & Deployment:** AWS, Azure AI and Google Cloud AI

- **LMS & Training Tools:** Moodle, EdX, Coursera for Enterprise, Udemy for Business, LinkedIn Courses, Skillsoft Percipio and iSuccess

ADDITIONAL INFORMATION

- **Languages:** English, Tamil, Kannada, Hindi and Sanskrit

- **Availability:** Open to opportunities in AI training, technical leadership, and consulting.

EXPERIENCE PROFILE

- 06-2023   till date   Senior Architect, HCL Technologies, Bangalore
- 11/2017 – 04-2023   Senior Consultant, Wipro Technologies, Bangalore
- 08/2007 -- 07-2012   Senior Consultant, Wipro Technologies, Bangalore
- 09/2005 – 08-2006   Principal Engineer, Symbian Software, Bangalore,
- 11/2001 – 05-2005   Software Architect, Mascon Communication Technologies, Bangalore
- 07/1999 – 02-2001   Senior Software Engineer and Lead Engineer, Lucent Technologies, Bangalore,
- 04/1997 – 06-1999   System Manager, Wipro Technologies, Bangalore
- 08/1996 – 02/1997   Software Engineer, Yokogawa Bluestar Bangalore
- 06/1995 – 07-1996   System Engineer, in ADE, DRDO (through Sheeba Computers), Bangalore
- 08/1988 – 02-1991   Electrical Supervisor, Indian Railways

CONFERENCE, INVITED PRESENTATIONS AND PUBLICATIONS

- Published a paper on "Operating System Selection" in "Linux For You" 2010
- Published a paper on "File System Fundamentals in "Linux For You" 2010
- Published a Paper on Consumer Electronics Linux and CELF (Part I) in "LFY" 2010
- Published a paper on Consumer Electronics Linux and CELF (Part II) in "LFY" 2010
- Presented a Paper on "Current Trends in Consumer Electronics Linux" in the FOSS (Free Open-Source Software) conference 2009
- Published a paper on Software Architecture Overview in "Linux For You" 2010
- Published a paper on "Role of a Software Architect" in "Linux For You" 2010
- Presented a paper in Embedded Systems Conference on in July 2010 on "Deterministic Behaviour of Embedded Linux" (Making Linux Real Time) in July 2010.
- Presented a paper in Embedded Systems Conference in July 2011 on "Light Weight IPCs for Real Time Embedded Systems"
- Published a paper on "Performance Challenges for a Product Architect in "LFY" 2010
- Many invited presentations on "Natural Language Processing" (NLP) and its Significance"
- Presentation on "Overview of CDMA Technology" in Anna University in July 2003
- Many invited presentations on "String Algorithms and Text Mining"
- Many invited presentations on mathematical basis of Problem Solving in computer science
- Many invited presentations on Problem Solving using Algorithms and Data Structures
- Presented a paper in UTSTARCOM on "software performance" in 2004
- Presentation on "Data Mining and Machine Learning" in the sponsored Faculty Development program in Kongu Engineering College in 2013