

Gururajan Narasimhan Erode, M.E, 56

*Senior Architect, Learning & Development Engineer, and Strategist,
AI and Generative AI (GenAI) space from Bengaluru, Karnataka, India*

Coordinates:

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Top Skills:

**C, C++ and Python
Programming,
AI & ML,
Generative AI
(GenAI), NLP,
Business Strategy,
Finance,
Innovation and
Leadership**

<https://www.linkedin.com/in/gururajan-narasimhan-erode-31b40452/>

<https://www.youtube.com/@guruforsure7403>

Experience Highlights:

- **27 years of experience in IT**, with 17 years in Learning and Development and 12 years in software development in Lucent Technologies, Wipro Technologies and HCL Technologies
- Subject Matter Expert (**SME**) in Generative AI (**Gen AI**), Artificial Intelligence, Machine Learning (**AI & ML**) and Natural Language Processing (**NLP**)
- **Currently working in HCL Technologies**, Delivered training sessions for L3 and L2 leadership in GenAI on Business Strategy, future trends and Innovation with **multiple case studies in HCL**
- Designed and delivered Python, AI & ML and GenAI training sessions - trained 5500 engineers and created 2400 certified engineers in Wipro Technologies and HCL Technologies
- Founded a hardware/software startup to build devices from scratch

Achievements:

- **Created and delivered the Generative AI training** program at 4 skill levels in HCL Technologies - (Program design, ToC, content, hands-on, labs and assessments) – Trained 2500 engineers, certified 950
- **Created and delivered the Artificial Intelligence and Machine Learning, Deep Learning and Neural Networks training** program at 3 levels at Wipro Technologies (Program design, ToC, content, hands-on, labs and assessments) – Trained 3000 engineers, certified 1500
- Created and delivered the Software Architecture training program at 3 levels at Wipro Technologies (Program design, ToC, content, hands-on, labs and assessments) – Trained 1500 engineers, certified 1200
- Lead the 2g and 2.5g Base Transceiver Station (BTS) team in Telecom and Wireless domain, did knowledge transfer from Lucent Technologies Germany to Lucent Technologies Bangalore, India
- Served as Architect, in a complex 2.5g IWF system to solve problems at customer site and keep the product going in the long tail phase
- Created a startup for building handheld devices in 2005

Education:

- **Master of Engineering, M.E (Applied Electronics)**, Coimbatore Institute of Technology, Bharathiar University, **1993-1995**
- **GATE – 82.48** percentile in ECE
- **AMIE in Electronics and Communications Engineering 1988-1992**
- **DEEE (Diploma in Electrical and Electronics Engineering)**, C.N.Polytechnic, Vepery, **Chennai – 1983-1986**

Experience:

Senior Architect, L&D Engineer and Strategist in STAR Team, Learning and Development, AI & ML and GenAI domains: June 2023 to present, HCL Technologies, Bangalore

My current activities in this role are:

- Designed, developed and delivered training on Generative AI at 4 levels for 4 batches and certified 900 people across HCL, ERS group. Created the ToC, presentations, videos and recordings
- Conducted training for L3 and L2 leaders on the impact of AI and GenAI on business and business strategy for Hardware, Software, Systems and Services (for General Managers, VPs and Sr.Ex.VPs)
- Conducted **GenAI for developers** training and the impact of AI and GenAI for senior software engineers, tech leads and Architects
- **Prepared assessments, hands-on exercises and case studies**

Senior Architect, Talent transformation, Python and AI & ML domain - content creator, trainer: September 2017 – April 2023, Wipro Technologies, Bangalore

In this role, my responsibilities were:

- Creating and maintaining the Python Programming – Basic and Advanced training which includes content development and training delivery
- **Creating and maintaining the Artificial Intelligence and Machine Learning – Level 1, Level 2 and Level 3 training which includes content development and training delivery**
- Collaborated with business and competency groups to collect and conclude about the training requirements and training outcome
- Prepared assessments, hands-on exercises and case studies
- Creating and maintaining the Data Science – Basic and Advanced training which includes content development and training delivery
- Creating and maintaining the Python Programming – Basic and Advanced training which includes content development and training delivery
- Identified the skill / competency needs of the business unit, and created a competency matrix with skills, skill levels and assessment pattern
- Creating and maintaining the Artificial Intelligence and Machine Learning – Level 1, Level 2 and Level 3 training which includes content development and training delivery
- Discussed and concluded the training outcome and performance parameters of all the training conducted in the business unit

Freelance Consultant - content creator and trainer: (through TUX Software Learning Center briefly)

August 2012 – October 2017

- Has conducted campus recruitment training in SRM, VIT Chennai, Kongu Engineering college and many other tier 3 and tier 2 colleges
- Has also conducted training in Vignan's Lara Institute of Technology and K L University Guntur
- Has conducted 50 online trainings during the period 2012 to 2017 for professionals from across India and US, in AIML and Python

Senior Consultant and Trainer, Talent transformation in Software Architecture and Wireless Technologies - content creator and trainer: August 2007 – July 2012, Wipro Technologies

- Delivered training in Wireless technologies
- Understood and created content for UMTS 3G Air Interface and Core Network and delivered sessions
- Designed and delivered sessions in object-oriented design, SOLID Principles, programming and **writing clean code**
- **Designed and delivered sessions in software architecture, architecture patterns and design patterns**

Prior to moving to Learning and Development domain, I Worked as Senior Software Engineer, Tech Lead and Software Architect in multiple organizations such as Mascon Communication Technologies and Lucent Technologies

Experience profile:

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| • 06-23 | till date | Senior Architect, HCL Technologies, Bangalore |
| • 11/17 | -- 04-23 | Senior Consultant, Wipro Technologies, Bangalore |
| • 08/07 | -- 07-12 | Senior Consultant Wipro Technologies, Bangalore |
| • 09/05 | -- 08-06 | Principal Engineer, Symbian Software, Bangalore, |
| • 11/01 | -- 05-05 | Software Architect, Mascon Communication Technologies, Bangalore |
| • 07/99 | -- 02-01 | Senior Software Engineer and Lead Engineer, Lucent Technologies, Bangalore, |
| • 04/97 | -- 06-99 | System Manager, Wipro Technologies, Bangalore |
| • 08/96 | -- 02/97 | Software Engineer, Yokogawa Bluestar Bangalore |
| • 06/95 | -- 07-96 | System Engineer, ADE, DRDO (through Sheeba Computers), Bangalore |
| • 08/88 | -- 02-91 | 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