NARAYANAN SUBRAMANIAM

Technology Transformation Executive | CTO | Digital Infrastructure, Electric Mobility Platforms & Energy Systems

Creating Coherence Across Complex Distributed Ecosystems

Enterprise Platforms • AI & Automation • Electric Mobility • Energy Systems

Executive Snapshot

Technology Transformation Executive with 30+ years of experience building, scaling and evolving complex distributed technology ecosystems. Combines technology and architecture expertise with the ability to shape strategy and align engineering, operations and business stakeholders to translate strategic objectives into reliable, scalable and economically sustainable platforms.

Brings a business-oriented approach to technology leadership, balancing technology strategy, investment priorities and resource allocation against business objectives. Experience includes managing technology and engineering budgets, driving cost optimization, and aligning technology investments and execution with commercial and operational outcomes.

Representative Impact

- Scaled systems supporting **130,000+ connected battery-swap electric vehicles**
- Operated platforms across **2,000+ swap-EV infrastructure assets** at SUN Mobility
- Supported **250,000–300,000 daily EV battery-swap transactions**
- Achieved **99.9% uptime and swap readiness** across the swap-EV infrastructure
- **Reduced deployment costs** of the swap-EV control infrastructure **by ~30% per asset**
- Shaped product strategy and **expanded swap-EV platform capacity by ~3× via clustering**
- Architected for **10,000 swap-EV infrastructure assets and 1 million battery-swap EVs**
- **Accelerated** swap-EV **field ticketing resolution time by ~8× using AI workflows**
- Led organizations of **100+ engineers globally** at Nutanix
- **22+ patents across US & India** at DELL, Infinera & SUN Mobility
- Managed **technology and engineering budgets** at Nutanix and Eugenie.ai
- Accountable for **technology cost-reduction objectives and platform economics** across strategic VaNaShRi engagements

Signature Differentiator

Translates complex technology ambitions into operational reality, aligning architecture, engineering, business priorities and operating economics to build coherent, reliable, scalable and commercially sustainable platforms.

Representative Executive Roles

Technology Transformation Executive • CTO • CPTO • Chief Platform Officer