

**KRISHNAN VENKATRAMAN**  
**BACHELOR OF INFORMATION TECHNOLOGY, DELHI UNIVERSITY**  
**Vice President, R&D**  
**Synergy Systems & Solutions, A1526 Green Fields Colony, Faridabad, India**  
Email: v\_krishnan@s3india.com Tel.: +91-129-2510501

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**Education and Training**

1. Bachelor of Information Technology, Stood First in the University, 2001, Delhi University, New Delhi (India)

**Professional Experience**

(Total 19 years: 19 years industry experience)

- June 2011 – Present: Synergy Systems & Solutions, India  
Design, Development, Testing of Remote Terminal Units and related hardware and SCADA Software applications, and in charge of R&D team
- February 2016 – Present: Synergy Systems & Solutions, India  
Design & Technical responsible for implementation of SCADA System under Smart City Pilot Project at IIT, Kanpur
- January 2014 – June 2015: Synergy Systems & Solutions, India  
Design & Technical responsible for Supply, Installation, Testing, Commissioning of SCADA System for Auxiliary Power Network of Rail Coach Factory, Rae Bareli
- June 2014 – March 2015: Synergy Systems & Solutions, India  
Design & Technical responsible for implementation of GPRS based M2M communications between SCADA Control Centre and FRTUs for Tata Power Delhi Distribution Limited
- August 2009 – December 2010: Synergy Systems & Solutions, India  
Lead software designer and developer for upgrade of SCADA System for HVDC Bipole Transmission Link, Chandrapur-Padghe, of MSETCL. The work involved deciphering and development of old, proprietary protocols.
- October 2008 – July 2011: Synergy Systems & Solutions, India  
Sr. Engineer (Software & Hardware development) during development of second generation of HUSKY Remote Terminal Units.
- May 2007 – October 2008: Synergy Systems & Solutions, India  
Lead software designer and developer for upgrade of SCADA System for HVDC Back-to-back station, Bhadravati, of PGCIL. The work involved deciphering and development of old, proprietary protocols.

- May 2007 – December 2007: Synergy Systems & Solutions, India  
Lead engineer for design, implementation of PLC-based special protection scheme for handling outage of transmission lines/transformers. The scheme was implemented at HVDC Rihand and 400kV Gorakhpur substation of PGCIL.
- May 2006 – May 2007: Synergy Systems & Solutions, India  
Lead engineer for implementation of dual redundant SCADA servers, and Remote Terminal Units for Traction Power Monitoring and Control, for Southern Railway.
- April 2005 – March 2006: Synergy Systems & Solutions, India  
Lead engineer for design, development of first generation of HUSKY RTU.
- December 2002 – August 2004: Synergy Systems & Solutions, India  
Lead software developer for upgrade project for SCADA of HVDC Bipole Transmission Link, Rihand-Dadri, of PGCIL.
- June 2001 – March 2004: Synergy Systems & Solutions, India  
Software developer for design, development, testing of SIRIUS SCADA Software