



MANIKANDA RAMAN VISWANATHAN

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EXPERIENCE SUMMARY:

- 15+ years of IT experience in and as product developer, test engineer and software architect
- Demonstrated strong technical skills in the field of IRPA, Performance, Security and Reliability engineering
- Accountable for delivering technology solutions, designs and coding
- Passion for ML in Artificial Intelligence space. Enrolled with NPTEL and Coursera for online courses in Data Science, ML and AI
- Multitude of product engineering experiences working with Cognizant, General Electric (GE) and Hewlett Packard R&D

CAREER PROFILE:

Principal Architect, Intelligent Process Automation

[Cognizant Technology Solutions, Chennai – May 2016 onwards](#)

- Elicit the technical requirements, identify & draft the architectural solution designs and provide solutions for the RPA implementations
- Extensive Research on Machine Learning algorithms including CNN, DNN and small implementations using Theano, TensorFlow and Caffe frameworks
- Recommendations to alter or re-engineer process to automate or improve automation potential
- Conduct technical proof-of-concepts and models to ensure the recommended design is flawless and reliable
- Strong hands-on experience & Certified in Automation Anywhere, UiPath and BluePrism tools.
- Good exposure to NLP models including POS, segmentation, classifications and data modeling.

Expert Architect, Performance Security and Reliability Engineering

[Hewlett-Packard PPS R&D, Bangalore – Apr 2013 to May 2016](#)

- Work with the R&D development engineering team to elicit all the nonfunctional requirements
- Formulate the test strategies, participate in architecture review meetings and recommend tuning
- Report the findings to the senior management and provide updates for monthly PMRs with the GBUs



Performance Architect, eHealth World Wide

General Electric R&D, Bangalore – Sept 2011 to Apr 2013

- Define and manage the NFRs. Write and Review test design specs (TDRs)
- Create test scripts (Vendor resources) using LoadRunner. Provide assistance in deep dive analysis
- Use various performance tools like HP BPM suite, DotTrace, JProfiler and dynaTrace / HTTPWatch and provide recommendations to ensure the application performs better in production

Manager - Projects

Cognizant Technology Solutions, Chennai, USA – Oct 2003 to Sept 2011

- Set-up PTCoEs and MTCs for the customers. Primary contact for Customers for BFSI and Retail domains in the North America
- Formulated and implemented Internet and Mobile testing
- Managed around 100 resources globally. Responsible for the performance appraisals for the US resources

EDUCATIONAL QUALIFICATIONS:

- Bachelor of Engineering in Computer Science from Manonmaniam Sundaranar University, Tamilnadu (**University Second Rank and College First Rank**) – 1999-2003
- Post Graduate Diploma in Business Administration in Finance from Symbiosis University – 2007-09
- Master in Arts, Astrology from SASTRA University, Tamilnadu (**First Rank**) – 2012-13

AWARDS & CERTIFICATIONS:

- Automation Anywhere Advanced Certification – June 2017
- BluePrism Developer Exam – BluePrism Accredited – Valid from 24th Aug 2016
- Certified Scrum Master, Scrum Alliance – 2014
- Speaker awards from International Conferences – EuroStar 2007 and StarEast 2010
- Segue Certified SilkPerformer Specialist – Level1 – 2005/06
- Japanese Language Proficiency Test Level 3 – 2004

PASSIONS:

- Learning – Primarily arts & technologies that creates impacts
- Astrology
- Travelling
- Mentoring & Teaching

STRENGTHSFINDER TOP5:

(1) Strategic (2) Developer (3) Individualization (4) Learner (5) Responsibility