Vineet Kumar Maheshwari

(https://github.com/vineetma), (+91 9899799105, maheshwari.vineet@gmail.com)

I am an engineer with **fine balance of management and technology experience**. I have **21+ years' experience with mix of Telecom, embedded and internet domains,** worked with highly demanding multiple stakeholders across the globe **on schedule, quality and cost**. My areas of work have been in Product Development for **Telecom, Mobile Apps, Cloud based server** solutions. Having done a startup, very high on energy to get things done, self-drive.

I am a strong supporter **of continuous evolution of product, automation**, learning the latest, contribute and share.

Career Highlights

- Done a **startup**, Developed few products, experienced different aspects of business

- Delivered BTS **product** for NSN which was worth **4800 person month**, USD 20 million, 150+ team size over 5 incremental releases in 21 months

- Recognized for **process excellence** and carried out leadership roles w.r.t. Quality Control as additional responsibility

- **Global work experience** – UK (1 year), USA(1 year), Japan, Indonesia, Germany (2 weeks each)

- Set up 4 **greenfield projects** in techno-managerial role

- Learnt several **programming languages and scripts** with special interest in automation

Management and Technology leadership – 10+ years

Pre-Sales, Customer Delivery, Inter-group coordination (Testing, Development, Customer, and third party), Organization initiatives (Trainings, Hiring, Processes, Audits), People management (Appraisals, skip level meetings, Compensation), Requirements and Change Management, Planning, Procurement, Risk Management, Reports and billing, Team ramp-up, Reviews

Team leadership to solve technical issues, architecture discussions, reviews and lead by example. Seasoned professional for Agile Methodology, Incremental software development

Representative Projects
da Kine Technologies Pvt. Ltd. | Founder & Director | 2010 – 2015

I have bootstrapped this company. We explored multiple areas – cloud based solutions, embedded, mobile apps and consulting in processes. My responsibility includes whatever is required to keep company running including – coding, reviews, training employees and requirements management. Following are the big projects we did:

a.   Enabling group of dieticians to deliver services online through mobile app
b.   Automating gross margin per project for a production company
c.   Creating a community based app (with cloud backend) to serve neighborhood shops
d.   Model for traffic lights to pick up traffic info and provide remote communications
e.   Model for wind speed measurement and direction sensing with remote communications

Process Definition and Certification | Hughes Systique | 2009 – 2010

I have taken up this responsibility as a transformational challenge at organization level. We got HSC ISO 9001-2008 certification and successful CMMi-ML3 assessment along with piloting few projects with Agile. Some key implementations here:

a.   More than 30 templates designed, 20 process definition documents including metrics handbook
b.   Interfaced with 300+ engineers and other staff
c.   Created audit automation tool – in house
d.   Several ramp-up trainings on processes
e.   Establish re-use repository for in-house projects code and presales, for faster access to information

Program Management (NextWave, WiMAX) | Hughes Systique | 2007 – 2009

I led a team of 50 engineers, contributing in Base Transceiver Simulator, System Engineering, App Development and BSS/OAM. It was a US based customer. I have responsibilities:

a.   Resource fulfillment (manpower, lab)
b.   Timely and accurate invoicing
c.   Technology as well as program reviews
d.   Weekly conferences – technical, program

Setup SDC for NSN Global | Hughes Systique | 2009

It was a presales primarily with a team of 10 engineers. We worked approximately on 60+ proposals, created 6 governance documents for SDC setup. This project had coordination requirement where we had to interface with customer's customer which spreads across globe – middle east, USA, France.

To optimize on operations, we took several initiatives here:

a.   Setup reuse repository
b.   Prototype of potential libraries required in solutions.
c.   Agile principles based templates and tools (daily setup meeting, burndown chart)

2G BTS Product Development | Aricent | 2004 – 2007

This was a big project – 4800 person months, 20million USD, 150+ team members, 4 major software releases, multiple rigorous testing phases and multiple stakeholders across globe – Finland, USA, UK, India. Customer had his experts co-located in India to guide and review project.

My key responsibilities amongst many were:
  a. Lead and coordinate initial phase of project acquisition from UK office of NSN
  b. Resource fulfillment – manpower, trainings and lab setup (latter included coordination and visit to US office of NSN)
  c. Project Management with help of 3 managers, 2 sr. tech leads for 3 sub-domains (O&M, EM, DSP), Line Management
  d. SW Release management (build, fault, change requests)
  e. Process Definition, compliances, trainings, audits

3G Stacks Development and Support | Aricent | 2002 – 2004

This is core team at Aricent which produces stacks for 3G – Access Network and Core Network. Around 200 people. I was responsible for NBAP, RANAP, RRC, a product – GSNLite, porting platform – CSPL, with a team of around 40 engineers and 3 managers and technical leads.

My key responsibilities were:
  a. Drive roadmap for all product lines with me, interaction with business group
  b. Track support for stack related sales
  c. Line management, Innovations in testing automation, performance
  d. Product reviews, Fault Management (QA team), Code Reviews

GPRS User Terminal Simulator | Aricent | 2000 - 2002

This is the first project in managerial role, fixed price, for Inmarsat. UTS part, was of 15 member team, with multiple components – Java based UI, Flex/Bison/C++ based Script engine, RLC/MAC stack, Integration with 3rd party LLC/GMM/SM/SNDCP stack layers integration and multiple scripts to facilitate integration, functional testing. My responsibilities here:
  a. Member of team visited to customer in USA for product requirements
  b. Full technical responsibility for script engine, user interface
  c. Technical code reviews across the product
  d. Management schedule, efforts, quality tracking and reporting to customer and senior management
  e. Adoption of tools like Rational rose design, purify

In case you require more information on earlier projects, please write to maheshwari.vineet@gmail.com

Career	
Aug'10 – till now	da Kine technologies Pvt. Ltd.
Nov'07-Aug'10	Hughes Systique India Pvt. Limited, Gurgaon as Director Engineering
May'97-Nov'07	Aricent, Gurgaon as Sr. Engineering Project Manager
Jun'94-May'97	Punjab Communication Limited (PunCom), Chandigarh as Design Engineer

Academics

- B.Tech (Electronics with Honors) from Punjab Engineering College, 1994, 76%
  - *Major project – "Spectrophoto meter", "Remote Dish Antenna Controller"*
- MBA (Marketing & Finance, Gold Medalist) from Management Development Institute, Gurgaon, 2013, 8.39 CGPA
  - *Dissertation in – "Consumer perception of risk for online purchase of consumer electronics in India" (well supported with rounds of pilot survey, final survey (300+ data points), statistical analysis using SPSS)*
- Six Sigma – Black belt trained and led certification process at earlier organizations for CMMi ML3 and ISO 9001
- PMP Certified 2009

Technical Skills – 10+ years

Embedded systems:	Driver development, ISR (atmega328p, 80x51), Telecom(2G/3G/4G)
Languages:	Javascript, C/C++, PHP, R, Python, Perl, Java
Tools:	svn, git, make, gdb, emacs, vi, eclipse, sublime, webstorm, ms-office/vba, bash scripting, apache, awk, perl, mssql, mysql, tomcat, orcad, kicad, clearcase, cruise control/Hudson, flex/bison, ant, latex, doxygen, Jade, SASS, grunt, compass, selenium etc..
Mobile App:	PhoneGap, Ionic, Android SDK, iPhone SDK
Databases:	MySQL, MSSQL, MongoDB, mysql
Internet technologies:	CakePHP, Joomla, Wordpress, Drupal, Spring, NodeJs, AngularJs, Express and several open source projects

Other highlights

Presentation of paper on "Project Management Fundamentals, discipline and role of Tools" in PMI Conference 2010, Mumbai

Appreciations in management role:
- For leading UTS project through organization's first fixed price contract at Aricent.
- For leading fixed price BTS Program first release (4800 Person Months) at Aricent
- For being ATM in organization activity for CMMi ML5 at Aricent.
- For leading ISO certification and CMMi ML3 assessment at HSC.

Awards in technical role:
- 2 Snap Awards in FSS for ontime and quality of technical deliveries.
- 2 Team Awards in FSS for ontime and quality of technical deliveries.
- Award of Appreciation in PunCom for implementation and integration of network management system.

International work experience, short term travels
- USA, 12 months over 4 visits
- UK, 3 months, 1 visit
- Japan, 2 weeks, 2 visits
- Indonesia, 1 week, 1 visit
- Germany, 1 week, 1 visit

Trainings

- Ongoing course on Web Intelligence and BigData from IIT-D using Coursera, R-language for stats

- 4+ days of Overview to CMMi Development v1.2, ATM
- 2 days of lead Auditors Course

- 4 days of PMP Course from PM Pulse

- 12 days of Six Sigma Black Belt Course by QAI

- 1 day on function points based estimation technique

Trainer for

- Organization processes
- Configuration Management
- Development tools (make, vi, svn, git etc.)
- MS Project application to project management
- C/C++
- PHP, Javascript, GIT, Java