

Satya Prakash Nigam

/*Seasoned & Hands-on Software Professional*/

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<http://www.spnigam.com/cv/index.php>

spnigam25@yahoo.com

Objective

Highly motivated & result oriented person with creative mind having corporate sector IT experience of *around 20+ years*, including hands-on exposure to entire Software / Product Development Life Cycle / Program.

Aspiring for a position in the senior individual contributor role / product owner / consulting role in a product/technology based organization, *where* the opportunities exist for undertaking the challenging assignments in cutting-edge & emerging technologies.

Achievement Highlights

- Proven track record of managing people, programs and processes – as a manager in multiple product based organizations since 2002 onward
- 9+ years of experience (between 2002-2009) in managing multiple high performing teams delivering quality throughput within set projects deadlines
- Additional 4+ years of hands on experience (2009-2011 and 2012 onward) of design, development & testing of desktop and web applications development - as an entrepreneur
- Good understanding of Responsive Web Application Development and related technologies
- Good at preparing proof-of-concepts (POCs) and other pre-sales documentation & prototyping
- Experienced in defining & formulating development and test strategies, designing testing frameworks, test automation, testing tools (in-house/open source/off-the-shelf)
- Experienced with metrics identification & analysis, and corrective and preventive actions within the frameworks of established quality standards like ISO, CMM etc.
- Developed the QMS (Quality Management System) for the organization
- Successfully implemented ISO 9001/2000 compliance for the organization
- Well versed in designing and implementing end-to-end Test Automation and Management frameworks for the organizations using open source, licensed and built-in-house testing infrastructure

Key Strengths

- Well versed with different approaches to end to end QA automation using: open source, licensed (off-the-shelf) and built-in-house testing tools and automation frameworks
- A strong believer of do-it-yourself, before guiding and mentoring the team members. Satya always gets his hands dirty on what his team members are required to deliver.
- Well experienced in Design, Development and Deployment of Web-based ERP like solutions for SMEs
- Excellent in problem solving skills and lateral thinking
- Self-starter and quick performer at new paradigms, technologies, products
- Good at motivating the team members and peers
- Very good ability to deliver under professional pressures to meet the set dead lines
- Have demonstrated the trait of leading by example multiple times
- Good at software engineering processes – both in defining and implementing
- Well experienced in managing the projects using Agile methodologies/SCRUM model of SDLC

208, Sai Madura Enclave, 2/3-17, 9TH Cross, J P Nagar I Phase, Bangalore -560078, India

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Education / Training / Workshops / Seminars

1. B.E. (Electronics) from SGSITS, Indore, INDIA (1985)
2. Attended QAI workshops on - Effort Estimation & Function Point Analysis; Defect Prevention Communication Skills & Business Etiquette
3. Training programs on Agile Methodologies of software development in Yahoo and Novell
4. Workshops on Exploratory Testing, Advanced Interpersonal Skills & Managing Excellence in Novell
5. Workshops on Team-building & Presentation Skills in DataCard / Tektronix / Yahoo
6. Training / workshops on Smart Hiring & Managing Teams @ Microsoft

Technical Skills

Web Technologies	:	Core PHP, MySQL, Java Script, HTML5, CSS3, jQuery, Bootstrap,
Languages	:	C / C++ / VC++ (MFC) , Python, Perl
Database	:	MySQL, SQL, Oracle (Basic exposure)
Platforms/OS	:	SUSE Linux, NetWare, Windows, UNIX, VxWorks,
Storage/ File Systems	:	Replication, Archive/Versioning, NFSv4, iFolder , DFS
Case Tools	:	Innovator, Rose, Purify+, CodeTest, Rational Robot, QTP, Test Director / Quality Center, WinRunner, LoadRunner, Different Open Source Tools

Business Domains

<i>Online Display Advertising & storage management</i>	<i>Health care</i>	<i>PR (Public Relations)</i>	<i>Smart Cards</i>
<i>Web Applications</i>	<i>Windows based Meas Instruments</i>	<i>Logistics</i>	<i>SME Process Automation</i>
	<i>Software Testing Tools</i>	<i>Operating Systems</i>	<i>Networking (Protocol Stacks,</i>

Professional Experience

Freelancer -Web Application Developer

Bangalore

Apr 15 - date

- Designing and Developing Web based Applications/Business Portals for the clients:
 - www.bazaarkarobar.com : Online newspaper (financial markets)
 - www.preplead.com : Web application for Education vertical
 - www.ezeequiz.com : Online quizzing platform
 - www.hivmitra.com : Social Networking Portal for HIV impacted people
 - tangomeals.com : Online food supply portal
 - Travelnews9.com : Travel and Tourism (T&T) portal
 - kmvn.jagmah.com/index.php : Online newsletter for a client in T&T Industry
 - bookurbook.com : Online shop for rare and vintage books.

Senior Web Developer

Avalara Technologies Pvt Ltd, Pune

May 14 – Apr 15

- Designed and Developed Web based Applications/Business Portals for organization Intranet:
 1. Ticket Management
 2. Inventory Management System
- Designed and developed Utilities and Frameworks to generate bulk test data using PHP/MySQL stack
- Actively participated in new product development – in the organization

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Web Application Developer
Entrepreneur /Freelancer

April 12 – May 14

- Designed and Developed Web Applications using Open Source Technologies:
 1. www.ezeepr.com Office Automation for PR company work flow – in production
 2. www.bookurbook.com Online shop for the rare books and journals
 3. www.surmalika.com A portal dedicated to Indian Classical Music
 4. www.medicojunction.com Community portal for medical students & professionals
 5. www.jmheal.com Health care platform targeted to everyone
 6. www.phptreasure.com Portal for sharing learning with others.
 7. www.spnigam.com Personal Web of Satya

Principal Engineer
Yahoo!, Bangalore

Feb 11 to Apr 12

- Responsible for Planning / Preparation / Execution phases of the projects for features release of APT / RightMedia Online Advertisement Exchanges
- Ensured excellent co-ordination among multiple agile teams (Product Engineering, Dev, QE, and Program management) during various releases
- Successfully tested (System Level) the assigned features in multiple APT releases
- Acquired in-depth understanding of Online (Internet / Mobile) Advertizing as business domain

Entrepreneur
Software Product Development Venture – As freelancer

Mar 09 to Jan 11

- Ventured into own business by developing a suite of web applications for the Health Care vertical
- Built team from scratch, engaging skilled engineers & support team members; networking with & building the customer base
- Actively involved in gathering the requirements for the product by closely engaging with the potential customers pursuing medical profession/medicine
- Satya owned the design of the product intended for medical professionals, patients & other stakeholders
- Satya was also associated with a product company in the field of Internet Traffic Monitoring (Deep Packet Inspection) between July to Dec 10, where he designed the integrated Test Asset Management System totally customize to needs of the organization. This product was implemented by outsourcing the development and testing under the *entire Product Life Cycle Management by Satya*.

Manager – System Test
Novell, Bangalore

Apr 06 to Mar 09

- Successfully managed the Releases of support packs and hot fixes of NetWare 6.5 SP6/SP7/SP8, OES 2/SP1, ZLM suite of products.
- Acted as the catalyst - in the organization to shift the paradigm from conventional software development model to Agile / Scrum way to manage the deliverable
- Accomplished successful transition of multiple components/technologies from US office to IDC
- Responsible for planning for testing phase, estimation of testing efforts across multiple projects

Manager –Test
Microsoft, Hyderabad

Sep 04 to Mar 06

- Led & Managed Intl languages Testing & Build/BVT teams of Windows Serviceability Group
- Test planning & management for Hot Fixes/Service Packs) for Win2K/NT Releases
- Responsible for making Win2K/NT/XP Builds & verification of builds before release
- Managed the quality engineering, builds & build verification test labs
- Managed vendor teams (~100 team members) to ensure the quality deliverable on time

Project Manager – SQA
Induslogic India Pvt. Ltd., New Delhi

Apr 04 to Aug 04

- Led & managed test group having 50+ members across the various projects
- Responsible for test planning/effort estimation/resource planning/allocation/deliverable
- Prepared proof-of-concepts (POCs) / pre-sales documentation for QA projects

Software Test Manager
DataCard Software India [P] Ltd, Bangalore

Sep 02 to Mar 04

- Responsible for initiatives and successful completion of company-wide Test Automation
- Designed and developed Test Utilities / Tools / Drivers using C / C++
- Successfully led multiple testing teams, across different engineering groups
- Responsible for test planning/effort estimation/resource planning / allocation / deliverable

Project Leader - SQA
Tektronix, Bangalore

Aug 99 to Apr 00 & Oct 00 to Aug 02

- Led SQA & Testing related activities across the multiple project teams
- Member - core team for successfully implementing ISO9001:2000
- Designed and developed organization's Intranet website
- Designed & developed Sungrah, the Code based metrics collection tool for C/C++/Java

Software Engineer
Cisco, Bangalore

May 00 to Sep 00

- Test Engineer for EDS component of CISCO FrameWorks 2000

Software Design Engineer
Fusion Software Engg India [P] Ltd. Bangalore

Apr 98 – Aug 99

- For the projects: DarWin, LibManager, and SIS worked as - Lead Dev Team
- For the projects: Torero-II , LexiBuild, and CardProtect worked as - Lead Test Team
- Involved in designing/developing various testing tools; POCs for QA only projects
- Process owner - SQA as SEI-CMM team member

Research Assistant & Software Consultant

Jul 92 – Mar 98

Roorkee / Bangalore

- Research Assistant in Dept of Comp Science of University of Roorkee (now IIT), for a DRDO Sponsored Project, where he developed all software components – User Interface in C/C++ and processing elements in C/FORTRAN77. This assignment was of 20 months duration.
- Afterward, until March 1998, Satya worked as a freelancer & on the payroll basis for few organizations
 - Design and Implementation of Image Processing algorithms in C/C++/ FORTRAN 77
 - Development of User Interfaces of re-engineered systems using Turbo C
 - Development of Course Materials for C/C++/VC++/Unix for Corporate Customers
 - Development of office automation utilities using Turbo C.

Faculty, Dept of Electronics & Communication Engg.

Jan 86 to Aug 89

SV Polytechnic, Indore

- Taught subjects - Analog & Digital Ckts, Communication Systems, Network Analysis etc.
- Guided the final year projects of the students & Organized Industrial visits

Extra Curricular Activities*Pen pals**Yoga**Reading**Philately & Numismatics**Chess**Web design**Classical Music**Table Tennis**Blogging**Theater**Puzzles**Cooking*