# SHRINIVAS GURUNATH ALAGERI

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## OBJECTIVE

Position in Technology Leadership transforming businesses through technology and agile leadership.

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## P R O F E S S I O N A L S U M M A R Y

- 14 + years of global enterprise Software product development with Hewlett-Packard  and Polycom.

- Lead Solution development, Test system Interoperability for a $100M Telepresence product hosted in fortune top 50 companies for  Polycom Real Presence Video Analytic Cloud – Video as a Service

- Architected and Developed intercommunication of AV media exchange between heterogeneous Telepresence Eco-System involving H323 and  SIP  Signalling Protocols for Unified Communication Systems.

- Improvised product support and remote management of Nodes by developing  NOC tools which helped in meeting 99 percent service uptime  Increasing revenue  and reducing zero customer escalation by 25%

- Hands-on experience in analysis, design, development ,QA and maintenance of  Scalable Enterprise-wide Java J2EE-based applications with multi core experience, parallelism, and concurrency and thread models.

- Building atmosphere of high-performing, cross-functional teams by fostering innovation and  result oriented environment for distributed agile programs across US and Asia Pacific.

- Globally recognised with Engineering Awards consistently across all quarters.

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## C O M P E T E N C E

- Architectural patterns: Micro services, SOA, REST and n-Tiered architectures
- Programming: Java,C#.NET,C and C++
- Web  Technologies: Spring MVC, AOP ,Struts Node JavaScript, Angualar, ExtJS,Sencha,XML, XSLT, Ajax,AWS
- JEE Technologies: EJB, JSP, Servlets and JAXB
- Application Servers: Tomcat, JBoss, WebLogic, WebSphere
- Middleware: Zeroc ICE, : Rabbit AMQP, Google ProtoBuffers
- Open Source Libraries and Frameworks:,Hibernate,Google Android,WebRTC,Lucene
- DevOps: Linux, Apache, Nginx, , Jenkins, Git, SVN, Maven, Ant, Gradle,Docker
- Database MySQL, Oracle 10g, Microsoft SQL Server 2008,MongoDB
- Monitoring: JMX, SNMP, Nagios, JMeter,JProbe
- Networking: UDP,TCP,HTTPS,SIP,SDP,H323,Office 365 Skype
- Domain: Unified Comunication UCC,Telecom,Video,Printing,Banking E-Commerce

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## W O R K E X P E R I E N C E

**Polycom Technologies Bangalore polycom.com**                    Jun 2011 -
Lead Software Developer and Subject Matter Expert for Polycom Video

- Lead SWAT team triaging customer escalations on Embedded Touch Control using REST,JNI,Android,.NET
- Mitigation and prevention of security vulnerabilities using for ClickJacking,XSS,CSRF using OWSAP
- Optimized Memory leaks and GUI freezes by facilitating zero downtime by automating GUI reset
- Designed and Developed Algorithms for Concurrent Layout System Imposed upto 28  Video Endpoints
- Driving migration of applications and source from HP HVEN to Polycom RPNET network domain
- Evaluated frameworks using Micro Services architecture design,NoSQL,AWS for Video As A Service(VaaS)
- Developed CDR Call Detail Recording applications using Spring Rabbit  and AMQP Messaging

**Hewlett Packard (HP ISO)** [hp.com](hp.com)

*Bangalore India,US Oregon,Singapore*

Software Specialist                                                                                        Feb 2006 – Jun 2011

- Interfaced with onsite leadership team and provided technical leadership to offshore India team
- Developed Component Automation and Unit Test Frameworks to determine the capacity in simulated environments using Java,J2EE,XMPP,Hibernate,C#,WPF
- Developed NAC to remotely secure Video EndPoints with JNDI, OpenLDAP and RADIUS
- Developed Packet Monitoring applications to monitor proactive readiness of  Halo Endpoints
- Developed Scheduling apps, Reporting and Calendaring applications using ASP.net ,IIS, LINQ

Senior Software Engineer                                                                                  Oct 2003 – Jan 2006

- Instituted forms automation framework for processing of digital pen using inkML,JNI,Xforms,VC++
- Independently designed and developed the FASLipi Character recognition with Native Interfaces
- Developed Admin Workflow Render Configurable UI for Pipeline using Struts,Servlets,J2EE MVC
-  HP Dazel Document Web Delivery(HPWD) prototype using Velocity Struts Template
- Cascade Variable Data Printing  Internationalizations /SVN WITS configuration on Sun Solaris

**CAPSILON ,R SYSTEMS,WEBOPAC** [capsilon.com](capsilon.com)  [rsystems.com](rsystems.com)                     Dec 2000 – Sep 2003
*Pune, India*
Software Consultant

- Development of SMTP gateways,CMS /SOAP /JNI clients for Fax Broadcasts for Capsilon MediaTel
- Repayment Ecommerce Transaction processing Module using Java Servlets,EJB,XSLT for ABN Amro at R Systems
- MultilIingual Unicode Library Management software using Java Servlets,ASP for  MASTEK at WEB OPAC,

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## PROJECTS UNDERTAKEN

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- Presented Papers on Reporting Usage of Videoconferencing Endpoints with Pay-Per-Use Service
- Presented Papers on  RealTime Testing Challenges faced by VideoConferencing Solutions
-  Seat Management and Reservation system for NIIT PUNE using Java AWT, Applets Swings and SQL
- Online Social Community Responsive website with wordpress, Joomla,PHP and bulk SMS service [mykvs.com](mykvs.com)
- Fiber Optic based Image Processing Scanner using C/C++ ,8051, 8085 microcontroller

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## C E R T I F I C A T I O N

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- Certified Scrum Master (CSM), ScrumAlliance
- Certified Java Programmer NIIT Pune

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## EDUCATION

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- 1999 Bachelor of Engineering (Karnatak University ,Dharwad) Electronics and Comunication

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## VOLUNTEER WORK/ORGS

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- IEEE, Open Source E Governance
- Rotract Lions Notary,Child Relief and You