SHRINIVAS GURUNATH ALAGERI

+(91)9449485664 | | https://salageri.github.io | https://linkedin.com/in/shrinivasalageri | salageri@gmail.com

PROFESSIONAL SUMMARY

- 14 + years of global enterprise Software product development with Hewlett-Packard and Polycom.
- Principal Consultant driving migration of legacy apps to Modern frontend frameworks using React ,Redux,Vue.
- Led 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
- Improvised product support and remote management of Nodes by developing NOC tools which helped in meeting 99 percent service uptime increasing revenue and reducing customer escalations by 25%
- Architected and Developed intercommunication of AV media exchange between heterogeneous Telepresence Eco-System involving H323 and SIP Signalling and WebRTC Protocols for Unified Communication Systems.
- Hands-on experience in analysis, design, development ,QA and maintenance of Scalable Enterprise-wide Java JEE-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.

COMPETENCE

- Architectural patterns: Micro services, SOA, REST and n-Tiered architectures
- Programming: Java,C#.NET,C and C++,Tableau,QlikView,Data Visualization ,Business Intelligence,R,Python
- Web Technologies: Spring MVC,ReactJS,Vue, Node JavaScript, Angualar, ExtJ,Redux,AWS,Qt ,Qml
- 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,Apache Wink,
- DevOps: Linux, Apache, Nginx, , Jenkins, Git, SVN, Maven, Ant, Gradle,Docker,Kubenetes
- 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

WORK EXPERIENCE

Principal Consultant @Freelance   Mar 17-

Led the overall team @Intelliseeker in migrating Financial analytic app from Angular 2 to Angular 4 .Developed nvd3 charting components for Data Visualization and estimated KPI dashboard trend using Tableau and QlikView.

Led the Conceptual Development of EventPlanner @ CodeOps) using GraphQL,Serverless Architecture and React Used Redux to store data from multiple API endpoints.Unit tested React components and Redux reducers with Jest's snapshot feature.Added type checking with Flow.
http://www.codeops.tech/

Built a Twitter Clone with Apollo Graphql & React-Native for Instagram GamerTag based gaming portal @ SriDama http://www.sridama.com/

Build a portfolio using React Resume(salageri.github.io)

Polycom Technologies Bangalore polycom.com   2011-Mar 17
Lead Software Developer Video Expert recruited as part of HP Halo Acquistion.

- Led the overall team direction for frontend technologies. Made the case for moving to React.js + Redux for frontend projects, and successfully introduced React.js into a major client(US Defence).
- Enhanced RealpresenceCloud, a React.js based SDK for quickly building xmpp + webrtc based video/audio/chat applications and migration of WebRTC Video as Single-Page App in React using React Router that provides peer-to-peer video and audio communication signalling in a web browser
- Principal SWAT lead 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.Advocated Qt QML for Skype Business..
- 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 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 TLMS

PROJECTS UNDERTAKEN

- 2017 Tableau Visualisation and Analytics Consultant public.tableau.com
- 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
- 2016 Online Social Community Responsive website with wordpress, Joomla,PHP and bulk SMS service mykvs.com
- Presented Papers on Reporting Usage of Videoconferencing Endpoints with Pay-Per-Use Service
- Fiber Optic based Image Processing Scanner using C/C++ ,8051, 8085 microcontroller

---

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

- Certified Scrum Master (CSM), ScrumAlliance
- Certified Java GeekTrust Developer Architect 2017 Membership No. 5642 geektrust.in

---

EDUCATION

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

---

VOLUNTEER WORK/ORGS

- IEEE, Open Source E Governance ,Rotract Lions Notary,Child Relief and You,
- LandMarkWorldWide Consultant(landmarkworldwide.com)