



Mr. Srihari Varma Avanigadda is a **Senior Technical Architect** having around **18 years of exp. in IT**, **Strong hands on Java/J2ee, SOA, AWS, middleware integration platform using MuleSoft Anypoint Platform with API Led Connectivity Architecture**, Design, Requirements gathering, Gap analysis, Estimate, Implementation, Test and **Deployments over On-prem, CoudHub, &expertise with Enterprise application/ product architecting and design, implementation using various Architectural View points and Perspectives, Design Patterns, Spring, WebServices(JAX-RPC/JAX-WS/JAX-RS: SOAP/REST), Swagger, Anypoint Runtime, RAML, MEL, Apache Camel, Active MQ, JMS, Fuse ESB, OSGI, Oracle, XML, XSD, WSDL, XSLT, XPATH, MySql, JPA/ Hibernate/ MyBatis, Android, BigData-Hadoop-2.x, HDFS, MapReduce, Sqoop, Hive, Pig, C/C++ & Unix** in Retail, Telecom, Networking & Mobility domains such as SmartMxM, Visual IVR, Revenue Assurance, FMS, Pricing: Postpay/ Prepay, Amdocs Gold, Kenan Billing, Rating, Roaming and Amdocs Multi-play Smart Pack, etc.

Also worked on Embedded Systems, Networking protocols, InfoSphere Information Server 8.0~8.5 package installations across various platforms of UNIX, deployments, & Application Server Migrations and implementations.

Worked with Global Customers such as Motorola Solutions Inc./USA, Whitbread/UK, Merlin/UK, Suez/UK, Bonmarche/UK, Ericsson/Philippines, O2-Telefonica/Ireland, Dialog Telekom/Srilanka, Amdocs/USA, Renesas/Japan, JCOM/Japan, Billing Soft Japan and Sumisho Computer Systems/Japan, &NCR Teradata/USA

Over 4 years of direct Client facing experience in: USA, Japan, Ireland, Philippines & UK

Education: B.E (Electrical & Electronics) from AU College of Engineering, Visakhapatnam, A.P, India (1995 to 1999)

Certifications:

- **MuleSoft Certified Developer –Integration and API associate v3.7**
- **MuleSoft Certified Developer –API Design Associate v3.7**
- **JLPT– Level 3 (Japanese-Language Proficiency Test: Reg. No: 03 * 10104 –30272)**

&Holds valid Business Visa for USA and UK

Experience

| Organization | Designation | Duration |
|------------------------------|--------------------------------|----------------------------|
| Saviance Technologies | Sr. Technical Architect | 04/2017 – Till date |
| WHISHWORKS | Sr. Technical Architect | (06/2016) – (04/2017) |
| GlowTouch Technologies | Technical Architect | (06/2015) - (06/2016) |
| Vekomy Technologies | Technical Architect | (02/2014) – (10/2014) |
| IBM Global Services | Technical Manager | (09/2009) – (02/2014) |
| Mahindra Satyam | Sr. Project Lead | (06/2004) – (09/2009) |
| Deccan Power Products | Embedded Engineer | (11/2001) – (06/2004) |
| IT-Heights | System Software Engineer | (09/1999) – (11/2001) |

Technical Skills

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| Languages & frameworks | JAVA/ J2EE/ C/C++, Architectural/ Integration/GOF/ J2EE Patterns, Spring(3.x/ 4.x:Core /Annotations/AOP/JDBC/Transactions/MVC/Batch/ORM/Boot/Security/Data/Web),JPA, Hibernate, MyBatis, Drools, Hadoop-2.x, Struts 1.x, JavaScript, JQuery, Ajax, JSON, Angular JS, android,XML,XSD,DTD,XPATH,XSTL,HTML5,CSS3,UNIX Internals, Shell &Perl Script |
| SOA & Cloud Services | JAXRPC(Apache-Axis), JAXWS(Axis2, Apache-CXF), JAX-RS(Apache-CXF, Jersey (RI from SUN), RESTeasy(from JBoss), Spring REST), MuleSoft ESB, JMS, Active MQ, Anypoint MQ, VM, Apache Camel, Fuse ESB, OSGI, Amazon Web Services (AWS: EC2, S3, ELB, SQS, VPC, RDS, IAM, MFA etc.), MS Azure, WSDL, SOAP, HTTP, |
| RDBMS | Oracle, DB2, MySql, MSSQL, PostgreSQL, SQLite, PL/SQL, & Teradata |
| IDE, Tools & Utilities | Eclipse, STS, Anypoint Studio, Anypoint Platform, CloudHub, Anypoint Runtime, Anypoint Access Management, J-unit, Mockito, JConsole, JProfiler, JMeter, Perfmon, Altova XMLSpy, wsdl2java, java2wsdl, wscompile, wsdeploy, SOAP UI, Swagger, VersionOne(Agile Project Planning & Management), Hive, Sqoop, Pig, Hbase, Jenkins, SonarQube, Oracle SQL developer, Toad, C/Korn Shell, Tuxedo, Brevity, Quick Screen plus, Emacs, Exceed, CVS, VSS, SVN, GIT, TFS, Maven, MPP, StarUML, AstahCommunity, 2-plan, Visio, &JIRA |
| Telecom tools & applications | Compass, Amdocs Gold, Kenan BP, Kenan FX 11.7-Customer center, Kenan Configurator, Kenan Roaming GUI, TAP 3, IIS 8.5 |
| Networking | OSI, TCP/IP Protocol suite, Network Programming, and IPC mechanism. |
| Protocols | LIN V2.0, I2C, Serial Communication, TFTP, SMTP, POP3, HTTP, SNMP, SOAP, FTP, SFTP |
| OS | UNIX, RH-Linux, SUSE-Linux, MPRAS, SOLARIS-SPARC, HP-UX, IBM-AIX, RH-Z, SUSE-Z, Mainframe (MVS9/VM3), Ubuntu, Windows-NT/98/2k/XP/7.0/8.0 |

Professional Experience

From 04/2017 to 12/2017 Sr. Technical Architect – Saviance Technologies, from Infosys, working for Motorola Solutions Inc.

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| Mule Projects Titles | 1. Suppliers (9 APIs), 2. Orders (8 APIs), 3. Customers (36 APIs), 4. Greenfield Images (2 APIs), 5. Service Contracts (6 APIs), 6. Payables (6 APIs), 7. AR Invoices (4 APIs), 8. Twilio Notifications (2 APIs) |
| SOA, Cloud Services, Languages & Frameworks | Java/ J2EE, Spring Core, Spring Batch, WebServices (SOAP/REST), MuleSoft ESB, JMS, VM, MEL, Anypoint MQ, AWS, EC2, S3, SQS, MySQL RDS, MS Azure Table Storage, CloudHub, Google Cloud Platform, CloudHub Fabric, VPC, VPN, API Gateway, RAML (RESTful API Modeling Language), YAML, JSON, UML, XML, XSD, &XPATH |
| IDE, Connectors & Tools | Anypoint Studio, Anypoint Platform (API Designer/ Exchange/ Portal/ Manager/ Analytics), Runtime Manager, Access Management, Connectors: FTP, Database, JMS, Anypoint MQ, OOTB, WebService Consumer, AWS S3, ServiceNow, Cache Scope, Pole Scope, CloudHub; Google Cloud Platform, Munit, REST Client, JConsole, Perfmon, Maven, Jenkins, GitHub, BitBucket, SourceTree, Visio, JIRA & Confluence |
| Operating systems | Windows 8, RH- Linux |

Roles and responsibilities:

- Currently working as a Senior Technical Architect cum Tech Lead for Motorola Solutions inc., USA.
- Client interaction, requirements gathering, Gap analysis, effort estimation, Code review
- Preparing proposals and providing pre-sales support
- Perform architecting & high level design, UML diagrams, Integration &Test support
- Implementation of interface services, APIs, using Anypoint Studio, Anypoint Platform &API Designer
- Implementation of Oauth2, applying of LDAP with Basic Auth policies
- Setting up the required environments such as DEV, UAT, PROD
- CI, Deployment of mule applications in various environments such as On-Prem and CloudHub
- Leading 8 persons-team including Tech Leads, Developers &Testers
- Review deliverables prepared by team before passing to the Client
- Driving onsite-offshore model on the way of Agile development Process
- Support during migration to UAT, PROD and Post production

From 06/2016 to 04/2017**Sr. Technical Architect – WHISHWORKS**

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|--|---|
| Mule Projects Titles | <ol style="list-style-type: none"> 1. Treasury Management System for Whitbread, UK (3 months) 2. Visit Britain - Order import Application for Accesso - Merlin, UK (2 months) 3. Suez SOA-AR Invoice Payment Service (SAP OUT, Clear IN) Suez,UK(3 months) 4. K3 Fulfilment for Bonmarche, UK (2 months) 5. Teletext project, Hyderabad, India (1 month) |
| SOA, Cloud Services, Languages & Frameworks | Java/ J2EE, Spring Core, Spring Batch, WebServices(SOAP/REST), Mule ESB, JMS, VM, MEL (Mule Expression Language), Anypoint MQ, AWS, EC2, S3, SQS, MySQL RDS, MS Azure Table Storage, CloudHub, CloudHub Fabric, VPC, VPN, MMC(Mule Management Console), RAML (RESTful API Modeling Language), YAML, JSON, UML, XML, XSD, & XPATH |
| IDE, Connectors & Tools | Anypoint Studio, Anypoint Platform (API Designer/ Portal/ Manager/ Analytics), Runtime Manager, Access Management, Connectors: SFTP, Database, FTP, JMS, Anypoint MQ, OOTB, WebService Consumer, Salesforce, SAP, Twitter, AWS S3, ServiceNow, Object Store, Quartz, CloudHub; Munit, REST Client, JConsole, Perfmon, Maven, Jenkins, GitHub, Visio, JIRA & Confluence |
| Operating systems | Windows 8, RH- Linux |

Roles and responsibilities:

- Worked as a Senior Technical Architect
- Client interaction, requirements gathering, analysis, effort estimation, Code review
- Preparing proposals and providing pre-sales support to our service sales team
- Perform architecting & high level design, UML diagrams, Integration & Test support
- Implementation of interface services, APIs, using Mule Anypoint Studio, Anypoint Platform & API Designer
- Setting up the required environments such as DEV, SIT, STAGE, PROD
- CI, Deployment of mule applications in various environments such as on-prem/ Hybrid/ CloudHub
- Leading 10 person-team including Tech Leads, Developers & Testers
- Review deliverables prepared by team before passing to the Client
- Driving onsite-offshore model on the way of Agile development Process
- Support during UAT/ and Post production

From 06/2015 to 06/2016**Technical Architect - Glowtouch Technologies**

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|-----------------------------------|---|
| Product Title | PayPilot |
| Languages & Frameworks | Java/J2EE, SpringCore, SpringMVC, Spring Annotations, Spring REST, Swagger UI, Hibernate, JavaScript, JQuery, Ajax, MSSQL |
| Tools | Eclipse, J-unit, Tomcat Server, JConsole, REST Client, Maven, Visio, JIRA, GitHub & Jenkins |
| Operating system | Windows 7, Linux RH |

Roles and responsibilities:

- Worked as a Technical Architect
- Client interaction, requirements gathering, analysis, effort estimation, Code review
- Perform architecting & high level design, UML diagrams, Integration & Test support
- Preparing proposals and providing pre-sales support to our service sales team
- Leading 12 person-team including Technical Leads, Developers/Testers
- Review deliverable prepared by team before passing to the Client
- Implementation of Swagger UI and its configuration with Spring REST api's
- Being Scrum Master, driving onsite-offshore model on the way of Agile development Process
- Successfully implemented the Service layer mismatch and Integration with various services
- Build, Deployment and Test Support during UAT

From 07/2014 to 10/2014**Technical Architect - Vekomy Technologies**

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|----------------------------------|--|
| Product Title | RA- Reconciliation |
| Languages& Frameworks | Java/J2EE, SpringCore, SpringMVC, Annotations, JPA, JavaScript, JQuery, Ajax, MySql |
| Tools | Eclipse, J-unit, Toad, Tomcat Server, Apache Camel, Active MQ, JMS, Drools, Maven, SVN & Jenkins |
| Operating system | Ubuntu |

Description: The reconciliation component of Telecommunication Revenue Assurance system was taken as an example for exploring different approaches to speed up high volume CDR processing. The component reconciles CDR data from Mobile Switching Center (MSC) and Telecommunication Billing System. In a mobile communication network, the MSC coordinates communication channels and necessary processes for end-to-end connection handling, mobility management, routing charging and real-time account monitoring.

Roles and responsibilities:

- Worked as a Technical Architect
- Requirements analysis, Options & Impact analysis
- Implementation of application specific Recon controller, model and DAO
- Implementation of Recon – Engine using Java Collection framework
- Implementation of various Design Patterns
- Perform high level design, detailed solution design, development, Integration
- Build, deployment & Test support

From 02/2014 to 06/2014**Technical Architect - Vekomy Technologies**

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|----------------------------------|--|
| Product Title | V-Optimer Fraud Management System |
| Languages& Frameworks | BigData-Hadoop-2.x,Java/J2EE, SpringCore, SpringMVC, Spring AOP, Spring JDBC, Annotations, JavaScript, JQuery, Ajax, MySql |
| Tools | Hive, Sqoop, Pig, Eclipse, J-unit, Toad, Tomcat Server& SVN |
| Operating system | Ubuntu |

Description: V-Optimer FMS is an automated solution designed to collect network and customer data using BigData Hadoop 2.x. in order to support the creation of alerts on suspected fraudulent activity across the network and to allow investigations and reporting to occur. Fraud Management System has been designed taking into account all the current and potential scenarios of frauds that take place in the telecom domain.

Roles and responsibilities:

- Worked as a Technical Architect
- Requirements analysis, Options & Impact analysis
- Implementation of application specific controllers using Spring (MVC, AOP, JDBC, Annotations, Core)
- Implementation of various Design Patterns
- Big Data analytics and Processing using MRV2.0 Yarn
- Hadoop-2.x, MRv2 Cluster, Sqoop, Hive, Pig configurations on Ubuntu OS
- Perform high level design, detailed solution design, development and Test support

From 01/2012 to 02/2014 (Technical -Project Manager - IBM)**Telefonica O2, Ireland**

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|-------------------------|--|
| Project Title | Sydney Price Plans launch |
| Languages | Java/J2EE, Spring Core, Spring MVC, Spring annotations, WSDL and XML |
| Tools | Eclipse, wsdl2java, J-unit, Altova XMLSpy, SOAPUI, Toad, WebLogic Server and SVN |
| Operating system | IBM AIX, windows NT/XP |

Description: O2 Telefonica is a leading Irish telecommunications company offering communication services. O2 MyAccount portal is specifically designed for O2 Customers. MyAccount is an online application to provide customers to access the recent calls history, to do online top up, pay bill online, to access credit limit etc. O2 Services is a middle ware application which is developed using WebServices to access the billing system and to do add, update, delete operations on it.

Roles and responsibilities:

- Worked as a technical lead cum manager
- Perform high level design, & detailed solution design
- Involved in impact analysis and solution assessment
- Implemented various Design Patterns, development, and configurations
- Involved for the implementation of WSDL for WebServices – Apache-CXF(Provider)
- Implemented application specific controllers using Spring MVC and Spring Annotations
- Involved in - Providing cost estimate and high level project planning, Resource planning
- Sharing minutes, Weekly Status report, monthly Project Metrics and tracking the progress
- Conducting Townhall meetings with major stake holders

From 09/2010 to 12/2011 (Technical -Project Manager - IBM)**Telefonica O2, Ireland**

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|-------------------------|--|
| Project Title | Personalization, Preferences and Permissions |
| Tools | Java, J2EE, WebServices (RESTful), Spring Core, Annotations, JSON, WebSphere Server & SVN |
| Operating system | IBM AIX, windows NT/XP |

Description: Telefonica Innovation and Design are building a new Personalisation Server. This will house customer data categorized as profile, permissions or preferences data. The aim is to provide a complete view of the customer in one location, which can be utilized by o2 internal and 3rd party systems. This solution will also ultimately contain a decision system to produce recommendations out to programs such as o2 Treats and App Store customers. And the Roles and responsibilities are as follows:

- Worked as a technical lead cum manager
- Perform high level design, & detailed solution design
- Involved in impact analysis and solution assessment
- Implemented various Design Patterns, development, and configurations
- Lead the team for the delivery of the project, Reviewing the deliverables
- Liaise with the third party users (like O2 Treats, App store) while testing
- Provide cost and resource estimates
- Conducting Townhall meetings with major stake holders
- Sharing minutes, Weekly Status report, monthly Project Metrics & Tracking the progress

From 09/2009 to 08/2010 (Project Lead - IBM)**IBM India Software Lab**

Description: Worked as an Install QA and Bug fixes lead for InfoSphere Information Server 8.0/8.1.8.1FP1/8.1FP2/8.5 suite install, critical patch, 8.1 Fix pack1, 8.1 Fix pack2 verification, CQs and performing installation in component level for IS 8.0/8.1/8.5 Services, Engine, and Metadata repository tiers across various platforms such as IBM-AIX, RH-Linux, SUSE-Linux, SOLARIS-SPARC, HP-UX, RH-Z, SUSE-Z, Mainframe (MVS9/VM3), Ubuntu, Windows-NT/98/2k/XP/7.0.

From 06/2004 to 09/2009(Project Lead - Satyam)**Satyam Computer Services Ltd****Mar 2009- Aug 2009 - Project Lead (Dialog Telekom CCBS for DTL, Srilanka)**

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|-------------------------|---|
| Languages | Java/J2EE/Design Patterns/Spring Core/WSDL-WebServices-Axis2/Hibernate |
| Tools | Kenan BP, Kenan FX 11.7-Customer center, Kenan Configurator, Kenan Roaming GUI, TAP 3, SQL developer, Toad, Eclipse, java2wsdl, J-unit, Altova XMLSpy, SOAPUI, WebSphere server and SVN |
| Operating system | IBM AIX, windows NT/XP |

Description: Dialog Telekom Limited (DTL) operates Dialog GSM, Srilanka's largest mobile phone network. Project covers the implementation of OSS/BSS systems for the various prepaid and postpaid GSM/GPRS/3G services and postpaid ISP services offered to DTL's corporate and retail customers. Project Synergy transforms DTL's existing CCBS which is a bespoke development to best of breed convergent Customer Care & Billing solution. Project Synergy consists of PeopleSoft Suite CRM System, Oracle11iEBS Incentive Compensation System, Comverse Kenan FX Suite, Comverse Service Broker Protocol converter, Satyam Invoice Generation Handler, Comptel Instant Link Provisioning System systems implemented and integrated for GSM and ISP line of business.

As a Project Lead, primarily responsible for Implementation activities of WebServices (Provider –Apache Axis-2) using JAX-WS API, DAO's, VO's and BO's, project planning, scheduling, delegation of tasks, reviews, monitoring, delivering the deliverables On-Time, interacting with the client, design, development and testing(Functional, regression and UAT) in products, rating, billing and roaming modules.

May 2008- Feb 2009 - Project Lead (Sequoia for the Client: Amdocs, USA, Cust. J: COM, JAPAN)

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| Languages | JAVA/J2EE, Spring JDBC/Core, Struts 1.x |
| Tools | Tuxedo, Brevity, Quick Screen plus, Compass, Emacs, Exceed, Eclipse, J-unit, WebSphere Server, CVS and Maven |
| Operating System | Solaris, Win NT/XP |

Description: Currently, the upcoming project Sequoia is in the requirements gathering phase with our existing client Amdocs for the Japan customers: J:COM, Billing Soft Japan and Sumisho Computer Systems Ltd. The customer support and order entry can be done in single screen by integrating Amdocs CRM, Sequoia, and next generation BOS as the screen for CSR. All systems shall be integrated seamlessly. Additional functionalities in Sequoia will materialize the requirements such as Customer Centric, Fee simulation, Account search across corps, System Audit, Product catalogue, Tax rounding, MDU mgmt, and Support multiple WIP orders and Contracts.

As a Project Lead, implemented VO's, BO's and DAO's using Spring Core, Spring JDBC, reviews, project planning, scheduling, delegation of tasks, monitoring, delivering the deliverables On-Time, interacting with the Customer: J:COM, Billing Soft Japan in Japanese, design, development and testing.

Nov 2007- April 2008- Project Lead (Nagra time-offset Ver 5.7 for Amdocs, USA)

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| Languages | C/C++, Pro *C |
| Tools | Tuxedo, Brevity, Quick Screen plus, Compass, Emacs, Exceed and CVS |
| Operating system | Aix 4.3, Windows NT |

Description: As part of Multi-Play Smart Pack enhancement, developed a NAGRA time offset, it allows sending hits from Djakarta to Nagra controller during midnight to 7am by providing a new database column to command generator params table managed by Addressable Parameter Maintenance. Command generator idp1333 will read this new database column to determine a time offset value sent in Nagra command headers and some individual command types.

As a PL, primarily responsible for Implementation activities, technical lead, project planning, scheduling, work allocation, code review, monitoring, delivering the deliverables On-Time, interacting with the Amdocs client, design, development and testing (unit, and integration).

Jan 2007- Oct 2007- Project Lead (Intelecale-ITC Ver 5700 for Amdocs, USA)

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| Languages | C/C++, Pro *C |
| Tools | Tuxedo, Brevity, Quick Screen plus, Compass, Emacs, Exceed and CVS |
| Operating System | AIX 4.3, Win NT |

Description: INTELECABLE is the leading-edge customer management and telecom billing system that supports video, voice, data, and interactive services from a single, integrated database. This billing software has been developed by DST Innovis, a California based company. This is a maintenance project, based on an Onsite-Offshore model. Project is being carried out at the

Satyam Computer Services Limited development center (Offshore) at Hyderabad major activities involved in this project are bug fixing, testing and enhancement of some of the features. Apart from PL activities and also responsible for the following activities as per the customer requirements analyzing the functional specification documents, Analyzing the Change Request, Coding for feature enhancements and Bug Fixing

Nov 2006- Dec 2006- Project Lead (R8C23 Device drivers for Renesas, JAPAN)

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|-------------------------|---|
| Languages | Embedded C with Japanese |
| Tools | High performance Embedded Workbench (HEW-IDE) |
| Operating System | Win –XP. Hardware: R8C-13, R8C-23 Target boards, E8 emulator |

Description: Development of the peripheral drivers for the R8C-23 microcontroller and test their performance with target board using E8 emulator along with developed test cases. Apart from PL activities and also responsible for understanding and analyzing the functional specification documents which are in Japanese, interaction with the Client: Renesas in Japanese, Estimation, Design, Coding and EMI/ EMC Testing as per the customer requirements.

May 2006- Oct 2006- Project Lead (LIN Evaluation for Renesas, JAPAN)

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| Languages | Embedded C with Japanese |
| Tools | HEW-IDE, LIN Analyzer (S810-LAS VER.3.11) |
| Operating System | Win –XP. Hardware: R8C-11, R8C-25, H836014, H8-36049 Targets, E8 emulator |

Description: To evaluate LIN (Local Inter connect Network) 5V implementation with EMC testing and provide the design solutions and this includes all the stages of the Software development Life Cycle for LIN bus evaluation which is the communication between one master (H8-36049) and multiple slaves (R8C/11,R8C/25,H8/36014) through 5V LIN Discrete Transceiver and compare its robustness in EMC environment with 12V LIN Transceiver & SCI and the EMI/EMC testing is a part of the acceptance of the system and will give the technical recommendations to the client as design suggestions

As a PL, apart from PL activities interacting with the client in Japanese during video conference, design, documentation, coding and testing (unit, integration and system testing). And translation of LIN API's from Japanese to English, and development of application for the LIN Communication using one master and 3 slaves.

Dec 2005- April 2006- Project Lead (R8C EMC Testing for Renesas, JAPAN)

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|-------------------------|--|
| Languages | Embedded C with Japanese |
| Tools | High performance Embedded Workbench (HEW-IDE) |
| Operating System | Win –XP. Hardware: R8C-1B Target board, E7 emulator |

Description: To evaluate the performance of R8C/1B Microcontroller for EMI/EMC immunity levels considering a target application approach. For this purpose R8C/1B Microcontroller based PCB designed & developed firmware that emulates the target system typically home appliance application.

As a PL, Apart from PL activities was involved in requirement analysis, design, coding, testing (unit, integration and system testing) and documentation also responsible for writing test cases for various modules and involved in hardware and software debugging and testing.

Jan 2005- Nov 2005- Project Lead (Basic Teradata Query for NCR Teradata, USA)

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| Languages | C/C++, Shell Script |
| Tools | Clearcase, Standard Unix, Gdb, dbx and NT tools |
| Operating System | MP-RAS, RH-LINUX, SUSE-Linux SOLARIS-SPARC, IBM-AIX, HPUX, Windows & Mainframe (MVS9/ VM3) |

Description: BTEQ (Basic Teradata Query) is a part of Client Utilities. It is a general-purpose, command-based program, which resides on the client portion of either a channel-attached or network-attached system and enables to communicate with one or more Teradata RDBMS systems. As a Team lead, responsible for feature enhancements and Bug Fixing as per the customer requirements, enhancing the test automation tools and preparing new test cases (For Unicode support using SQL and BTEQ script).

June 2004- Dec 2004- Project Lead (BTEQ E-fix Certification for V2R5 Release for NCR , USA)

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|-------------------------|---|
| Languages | C/C++, Shell Script |
| Tools | Clearcase, Standard Unix, Gdb, dbx and NT tools |
| Operating System | MP-RAS, RH-LINUX, SUSE-Linux SOLARIS, AIX, HPUX & Windows |

Description: BTEQ E-fix Certification involves certifying the customer emergency bug fixes provided by development team. This certification is made for different releases on different platforms such as MPRAS, RH-Linux, SOLARIS-SPARC, HP-UX, AIX, Mainframe (MVS & VM), and Windows. As a Team leader, responsible for acquiring the knowledge from client, knowledge Transfer to the team, mentoring the team members. This includes, installing the packages in test system, Analyzing the DR's in the build, Test selection, Test execution, Result validation, Creating DR's.

From 11/2001 to 06/2004

Deccan Power Products Pvt Ltd

Jan 2003- June 2004- Sr. Embedded Engineer (Microcontroller based Monitoring & Data Logging System for 3 Ph 11 KV feeder Circuit Breaker, AP Transco)

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| Languages | Embedded C, Assembly, RS-232 serial communication protocol |
| Tools | Cygnal IDE & Keil |
| Operating System | Win 98. Hardware: C8051f020, EEPROM (AT24C08) |

Description: The Micro controller shall ensure the operation of the circuit breakers for various feeders in the 33/11 KV Substations. The controller shall monitor the time voltages and currents information of the feeders. The Roster Schedule shall be loaded into the memory of the controller. It shall store the duration of 3-phase and 1-phase supply in a day. During 1-phase hour, if the 3-phase supply is present the controller shall automatically trip the circuit breaker and the event shall be recorded in the memory. The duration of power-on 3-phase and 1-phase supply, date time and schedule status shall be displayed.

As a team member I contributed towards requirements Gathering, interaction with the Client: AP Transco, Designing the application for Prototype development, Designing of PCB and Mounting, Coding using ALP and C (c8051f020), Interfacing with EEPROM (AT24C08) by using RS-232 serial communication protocol, Testing & integration testing.

Nov 2001- Dec 2002- Embedded Engineer (Microprocessor Speed Control of DC Motor For Deccan Power)

Description: This project deals with the transistor chopper controlled by microprocessor to vary the speed of the dc motor. By varying turn-on time to turn-off time ratio, we can vary the output voltage of a DC chopper. Thus by varying the voltage applied to armature we can vary the speed of a DC Motor using DC chopper. This is achieved by varying the reference speed given to the microprocessor. A four-member team was involved in the development of the system. As a team member I contributed towards Designing the application, Coding using Assembly (8085) and Interfacing of 8255 PPI and Testing - unit testing & integration testing

From 09/1999 to 11/2001 (System Software Engineer)

IT-Heights

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|--------------------|-----------------------|
| Title | DATA SECURITY SYSTEM |
| Duration | (05/2001) – (10/2001) |
| Environment | C/C++, Windows 2000 |

Description: This Data security system is mainly used while making communication /transaction over the net through credit cards, banks through ATM's and also in the defense applications to keep track of the information in a secured and sophisticated manner. This system accepts data as input and encrypts the data. Encryption is done using Encryption Standards. The encrypted data will be converted into user understandable data through some set of standard algorithms, which are a part of decryption methodology.

As a team member I contributed towards analysis of the specifications provided by the clients, Design and Development, Coding in C / C++, Unit testing & integration testing.

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| Title | HYPER TEXT TRANSFER PROTOCOL |
| Duration | (12/2000) – (04/2001) |
| Environment | C/C++, LINUX RH |

Description:

The Hypertext Transfer Protocol (HTTP) is a package, which provides all the services for client server – programming. It is developed to an application-level protocol for distributed, collaborative, hypermedia information systems. It is a generic, stateless, object-oriented protocol, which can be used for many tasks, such as name servers and distributed object management systems, through extension of its request methods. A feature of HTTP is the typing and negotiation of data representation, allowing systems to be built independently of the data being transferred.

As a team member I contributed towards analysis of the specifications provided by the clients, Design and Development, Coding in C / C++, Unit testing & integration testing.

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| Title | POST OFFICE PROTOCOL 3 |
| Duration | (07/2000) – (11/2000) |
| Environment | C/C++, Socket Programming using TCP, LINUX- RH |

Description:

The project is designed for implementation of the POST OFFICE PROTOCOL version 3. The application can interact with existing SMTP servers and can download the mails to all the account holders and dispatch the mails to all the account holder's respective machines as an application using same POP3 protocol for clients to download the mails as well as reading their received mails. As a team member I was responsible for Writing code for System V sockets to communicate with SMTP Server & POP 3 Client.

As a team member I contributed towards Analysis of the specifications provided by the clients, Designing the application and Server side validations & API between Server and Client Processes, Coding in C / C++, Unit testing.

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|--------------------|--|
| Title | SIMPLE MAIL TRANSFER PROTOCOL |
| Duration | (02/2000) – (06/2000) |
| Environment | C/C++, Socket Programming using TCP, LINUX- RH |

Description:

The project is designed for implementation of the SMTP protocol as per the RFC, by installing a mail server for the company, which acts as a proxy server to the Internet mail server receiving all the mails of the account holders and holds them & whenever the server is connected to the net it uploads these mails to the net giving the virtual view to all account holders that they are all the time connected to the net. The project was then extended to create an application to give menu driven interface to the account holders of the SMTP server so that they could compose the messages, i.e. SMTP client.

As a team member I was responsible for writing code for System V sockets to communicate with SMTP Server & Client. As a team member I contributed towards -Analysis of the specifications provided by the clients, Designing the application and Server side validations & API between Server and Client Processes, Coding in C / C++, Unit testing.

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| Title | TRIVIAL FILE TRANSFER PROTOCOL |
| Duration | (09/1999) – (01/2000) |
| Environment | C/C++, Socket Programming using UDP, LINUX-RH |

Description:

TRIVIAL FILE TRANSFER protocol implementation project is a simple and useful protocol mostly used in small organizations like schools and other small corporate offices, which provides user-friendly menu driven application to transfer the files from one machine to the other on the network. As a team member I was responsible for writing code for System V sockets to communicate with TFTP Server & TFTP Client.

As a team member I contributed towards Analysis of the specifications provided by the clients, Designing the application and Server side validations & API between Server and Client Processes, Coding in C / C++, Unit testing.

Personal Details

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|-----------------------|--|
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I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Name: