

AVP – Engineering Manager	
Candidate Name	Hemant Gadiya
Current Company	Tieto Software Technologies
Current Designation	Senior Software Architect
Current Location/Native	Pune
Education	B. Tech, Electronics
Experience	18 Years
Team Management	Independent Contributor with Dotted line team
Relevant Experience (Design, Develop & Architecting)	Architecting - 6 Years Designing - 10+ Years
Skills	<ul style="list-style-type: none"> - Since last 5 Years at Teito. - Strong experience working on Java, Microservices, CI/CD, Docker, various environments and technologies. - Very good experience into Coding. - Majorly into Architecting since last 6 years, Design and Development has been a part of the role since almost the beginning of the career. - Working on Microservices since last 4 Years - Hands-on working into Agile Methodology.
Reason for Change	Current project will end by this Year end and there are no projects in pipelines.

Hemant Gadiya

Email : hemant_gadiya@yahoo.com



Overview

- 19 years of IT experience in architecting, designing, developing, managing, executing, testing, deploying and delivering various software applications, products and projects.
- Over the years I have played various roles that include Enterprise Architect, Senior Software Architect, Solution Architect, Technical Architect, Technical Manager, Developer.
- Integration of M2M/IoT collaborative ecosystem using netcomm wireless device connectivity, gateway, mobile communication network, cloud computing, cloud-based application enabled platform (Aeris Aercloud), web based application, development of POCs using Axeda Thingworx platform, customer demonstration supporting pre-sales and delivery teams with smart solutions for various verticals.
- EAI Siebel CRM, Oracle, SABA, SOA using BPEL process, JMS, ESB, Web Services, SFDC cloud APIs and webservices, java-based web application deployed on application servers.
- Experience in the software industry executing challenging projects using web technologies and object oriented design for the full life cycle of software projects from initiation, planning, designing, execution and implementation.
- Onsite experience with leading clients in the Sweden, USA, UK, Australia, Germany, Saudi Arabia, Kuwait.
- Strong problem-solver who can design solutions and assist technical teams.

Work History

- ✓ **Tieto India Pvt. Ltd.**
Senior Software Architect
- ✓ **Tech Mahindra.**
Technical Architect
- ✓ **Euronet Worldwide.**
Technical Manager

Apr 2016 – Till Date (54 months)

Apr 2014 – Apr 2016 (24 months)

Sep 2011 – Apr 2014 (31 months)

✓ **PTC Software (I) Pvt. Ltd.**

Sr. Engineer

Aug 2004 – Sep 2011 (86 months)

✓ **Kimaya Technologies Pvt. Ltd.**

Sr. Engineer

Apr 2003 – July 2004 (16 months)

✓ **CGS Infotech Pty. Ltd. Australia.**

Software Engineer

Dec 2000 – May 2002 (17 months)

Accomplishments

- Awarded with “**Certificate of Appreciation**” for contribution to learning Organization at Tech Mahindra.
- Awarded with “**Associate of the Month**” for excellence in delivery at Tech Mahindra.
- Awarded with “**Reward of Excellence**” for outstanding work and Customer Focus at Schlumberger.
- Twice awarded with ‘**Certificate of Excellence**’ in recognition of outstanding contributions to PTC.

Certifications

- **Azure®** Certified AZ-300 Microsoft Azure Architect Technologies
- **Aviatrix®** Certified Engineer: Multi-Cloud Networking Associate
- **Oracle®** Certified Cloud Infrastructure Architect – Associate
- **Oracle®** Certified Cloud Infrastructure Foundations - Associate
- **AWS®** Certified Solutions Architect - Associate
- **SAFe®** Certified Agilist
- **TOGAF®** 9 Certified Enterprise Architect
- **ITIL®** Foundation Certificate in IT Service Management

Skills

Technical Expertise:

O/S	DOS 6.22, Windows 95, Windows 98, Windows NT 4.0 (SP5), windows 2000/XP, UNIX, LINUX.
Languages	Java, C, C++, PL/SQL, PHP, Perl, HTML, VB.Net, VB, JavaScript, VBScript.
Interactive Development Environment (IDE)	STS, RAD, Eclipse, JDeveloper, StrutsStudio, Jbuilder 6.0, Kawa, Visual Café, TextPad, Edit Plus, Visual Interdev, Visual Age, Forte, Homesite, FrontPage.
RDBMS	DB2 AS 400, Oracle 10g/9i/8i, MS SQL server 7.0, MySQL.
Networking	UDP/TCP-IP
Middleware	EJB, Struts 1.2, SOA, Webservice, JMS Queue, Spring 2.5 and 3.
Application Servers	Websphere, WebLogic, JBoss, Inprise App server, Apache-tomcat, Glassfish.
Web Servers	Apache, Tomcat.
Server Side	J2EE, JDBC-ODBC, RMI, XML, XSL, EJB, Servlets, JSP, ASP, JSF
Others	JIRA, Confluence, UML, Hibernate 3, Clear Case, Visual Source Safe, CVS (Configuration management), Aldon, SVN, MS Project, ADSI, LDAP, Testing Tools Rational Visual Test, Mercury Interactive tools (WinRunner, Load Runner, Test Director, Astra Quick & Load Test), Apache POI library, iText PDF library, Maven, Soap UI, MEGA EA tool, Docker, Jenkins, Gerrit

Experience Details

Tieto India Pvt. Ltd. Pune, Senior Software Architect

Apr 16 – Till Date

Project : EmmaMaija

Client : KEVA and VARMA Finland.

Responsibilities : As a senior developer was involved in design, development, testing of the largest pension insurance system in Finland.

Technologies: Java, J2EE, Microservices, Spring Boot, Hibernate, RESTful API, Webservices, Docker, CI/CD, MS_SQL, Git.

Project : Swish
Client : GetSwish Sweden.

Responsibilities : As an Architect and senior developer was involved in design, development, testing, maintenance, 24x7 on-call support of the largest mobile payment application in Sweden.

Technologies: Java, J2EE, Microservices, Spring Boot, Hibernate, RESTful API, Webservices, Docker, CI/CD, DB2, MQ, Git.

Project : FDP (Fund Distribution Platform), LIS (Life Insurance System)
Client : Nordea Denmark.

Responsibilities: As a software architect was involved in

- Health checks, code and architecture reviews of various existing business critical application and provide them with solutions for the improvement areas identified in design and implementation.
- Code and Architecture review, key findings report, review analysis report, proposed solutions, executive summary.
- Enterprise Architecture: Used MEGA Hopex tool to create Application Environment Diagrams of LIS application of Wealth Management in order to represent main exchanges between applications.

Technologies: Java, J2EE, Spring, Spring Boot, Spring Integration, Spring Batch, Hibernate, Microservices, Webservice SOAP, RESTful services, JSon, XML, Weblogic, Oracle, Javascript, CSS, XSS, Agile, Scrum, Kanban.

Tech Mahindra, Pune, Technical Architect

Apr 14 – Apr 16

Project : CDA (Common Data Access UK) and GNPDR (Greenland National Petroleum Data Repository)
Client : Schlumberger UK Aberdeen.

Description

- CDA is used to provide data management and information related to the exploration and production of hydrocarbons to UK oil industries. It is register of metadata about wells data viz. digital well logs, well reports, deviation data, borehole data, digital data files, digital well test data, seismic data viz. seismic surveys, 2D, 3D Navigation data, Trace Data, Velocity Data, seismic sections, data search, curves, licenses ,infrastructure, reports, integration and inking between several data types.
- GNPDR is the Greenlandic National Data Repository for oil and gas related geophysical and well data. The Greenland National Petroleum Data Repository provides easy access to onshore and offshore well, geophysical, and other associated data available for license from the Ministry of Mineral Resources of the Government of Greenland.

Responsibilities : involved in design, development, testing, maintenance.

Technologies: Java, J2EE, JSP, Coral framework, XML, Webservice SOAP, JSon, Tomcat 7, Oracle, JQuery, Ajax, Javascript, CSS, XSS, Groovy

Project : Fleet Manager/Vehicle Tracking System
Client : Surfline Ghana.

Description

- Vehicle tracking system is used for tracking vehicles using GPRS(cellular wireless) network and cloud computing based on the location (latlong) received from GPS device wired and fitted within the vehicle. The data viz. imei number, gateway IP address, latlng, speed, distance travelled, ignition ON/OFF, timestamp, network strength is posted from Netcomm gateway using firmware and SDK with curl command to Aeris aercloud data container using aercloud's API. This data is polled from aercloud using JSON RESTful webservices into MySQL database and is then used by web based application for vehicle tracking, status, current location, trip plan and replay, Geo Fence management, Alerts viz. over speeding, vehicle idle, vehicle ON/OFF, trip start and end , route deviation, vehicle utilization reports , historical trip data analysis. Integrated Hadoop ecosystem using HDFS, Hive, Pig, Solr.

Responsibilities : involved in design, development, testing, maintenance.

Technologies: Java 7, J2EE, Spring 3, Hibernate, Json, Webservices, Tomcat 7, MySQL5.6, Quartz, JQuery, Google Map APIs.

Platform: Hadoop ecosystem, Aeris M2M Cloud application enabled Platform, GPS device network management, M2M Netcomm gateway.

Euronet Worldwide, Pune, Technical Manager

Sep 11 – Apr 14

Project:

BNA4ALL,CMS (Card Management System) having services such as Debit cards, Prepaid cards, Alerts, Internet banking, Telephone banking, Bill Payments, Mobile Banking, Card Alerts, ICCS (Integrated Credit Card Systems) ,IMS (Integrated Merchant System).

Responsibilities: Successfully managed, executed, monitored, controlled and delivered various projects in time with Quality.

Technologies: Java 7, J2EE, JSP, Spring 2.5, STS, Web services (Apache CXF), Soap UI, Tomcat 7, Maven 3, MySQL5.6, MSSQL, DB2 as400, Quartz, JQuery EXT JS, SVN.

Project : Learning Management System.

Description:

This application is used to provide a unified way to learning and PTC certification criteria to the PTC Partners. This has been enabled by a Saba Single Sign-on. It provides the Partner Employee with a Certification composed of Assessments based on their Role, Product, and most recent release. These assessments have fees associated with them that need to be paid up front in the system. The partner certification order integration has been implemented by integrating applications viz. SABA 5.5, Siebel, Oracle; SOA suite. Training is presented to the user but not required for completion of the Certification. These learning components and assessments are stored in SABA Learning Management System (LMS) and be referenced through this tool using SABA processes, system configuration and customization to implement PTC Partner certifications. Completion of the required components is then tracked back to the certification inventory and PTC.com Branding, Logo Access and a Certificate of completion is provided to the Partner employee. Certification also gets expired after a defined amount of time after a new Release is available. Reporting is allowed at the User level, Partner level, and Geography.

Technologies: Java, J2EE, JSP, Spring, SOA, JBoss, Weblogic, Webservices, Soap UI, Hibernate, Oracle

Project : Electronic Software Delivery

Description:

PTC Customers with appropriate access level and PTC employees utilize this application to obtain software via download and also for physical shipments. Users are authenticated via LDAP before gaining access to the application. Users outside of the LAN download content from a third party Content Delivery Network (Akamai). Links to Akamai are secured via the use of time-dependent security token passed in the URL.

Technologies: Java, J2EE, JSP, Spring, Weblogic, Hibernate, Oracle.

Project : Co-Create License Management.

Description:

Initial Password: Customer can buy product but may not use/install it. Products have 2 types of license (timed and perpetual). Whenever customer decides to install the product, they can use this tool to actually generate the license. Depending on the SON customer can select as many SON and generate the license using MKPWD. Customers are displayed one or more product for each SON, Product, Description, PO #, License type, end date, ordered quantity, available quantity, they can enter the quantity of product and hardware id in the text boxes for each product and generate the license. It uses MKPWD APIs and database query to generate password. It displays the generated license on the web page as well as sends the file via email. Customer can save the file (in excel and/or txt formats) from web page. These passwords can be used by customer for analyzing password.

Password Analyzer: Customers can verify (JS front end validation) the password to make sure it is valid (checks in shared object MKPWD, it checks expiry date and validity of the password using the certificate ID, hardware, password parameters passed to the MKPWD). This helps the customer to check the file and see how many of the passwords in this file are valid for respective products. A product can have multiple components. And each component will have one password.

Password exchange: Two options are provided. If customer wants to move all the licenses to hardware (machine, example the existing machine gets crashed). Alternatively customer can use split options where in customer can select different hardware id depending on the available qty. In this process the existing licenses gets blocked and new set of licenses are generated.

Internal Tool: PTC administrator group uses this tool on behalf of customers. Add licenses and update licenses.

Technologies: Java, J2EE, JSP, Oracle, Weblogic.

Project : Siebel – Oracle Customer Integration.

Description:

This application is used for real time integration of customer information (customer, site, address and partner) from Siebel to Oracle. As soon as any customer information is updated/ or added in Siebel, it invokes workflow and converts the data into xml and puts it in SOA JMS queue (BPEL process) used as a Producer. A JMS consumer (ESB process) continuously monitors the JMS queue and depending on the information type, it invokes the Oracle API.

Technologies: Java, J2EE, JSP, Oracle, SOA.

Project : Asset Management System.

Description:

AMS is web based application used by the IT logistics users of PTC across the globe. Asset repository helps to track the ownership information, budgeting, forecasting, vendor negotiations, invoice validation, requisition, receipt, asset addition, movements and upgrades. Discover and report all types of distributed computing components and attached peripherals across all platforms. Communicates, Interfaces and collaborates with other application such as Radia, Financial System, and Helpdesk tool. IT accesses historical data and transactions. Inventory control, reports generation and analyze the enterprise distributed assets. Accessing deployment and ownership information saves helpdesk staff valuable time and allows users to

get back to work as soon as possible. The repository also allows improving control over the procuring process and expanding the tracking of assets from a financial, licensing and legal perspective. AMS also generates exception reports.

Technologies: Java, J2EE, JSP, Oracle, Struts, Weblogic.

Responsibilities

- Collaborate with business, cross-functional teams and internal constituencies to ensure successful implementation of solutions; coach, mentor and assist associate services staff.
- Responsible for helping in gathering and translating business requirements into well architected solutions.
- Provided leadership in supporting business users and giving quick turnaround by providing long and short term solutions.
- Participates in technical design creation / reviews, functional specification reviews and contributes to development project estimates, scheduling, test plans and code reviews
- Planning for release and formal acceptance as well as creating backup plans / risk planning for unseen issues.

Kimaya Technologies Pvt. Ltd, Pune, Sr. Engineer

Apr 03 – July 04

Project : Sales Force Automation.

Description:

This is a web-based product used by the sales department of an organization to manage sales and share information about accounts, contacts, leads, deals, and meetings, organizes related accounts, contacts, and deals, checks on upcoming meetings, appointments, and action items. Instantly reviews the complete history of every deal, and track the progress of deals. Roll up records of sales activities into forecasts, summaries, and analyses. Create summary reports.

Responsibilities:

I was involved in requirements gathering, design, development and testing of the Object Model, Business Components, Data Components and Web pages using UML, for the functional modules like Lead, Account, Deal, Contact, To Do, Expense, Forecast, Administration Module and Reports using Struts Framework.

Technologies: Java, J2EE, JSP, Struts, MySQL, Hibernate.

CGS Infotech Pty, Ltd, Australia, Software Engineer

Dec 2000 – May 2002

Project : My Online Summary for Commonwealth Bank of Australia.

Description:

My online summary manages users online accounts, it allows to Keep track of different online accounts at multiple organizations, organize a selection of users various accounts with different companies, checking emails, reward programs, savings account, credit cards, investments, shares and so on, through one Sign In.

Responsibilities:

I was involved in the design and development of the Business logic, GUI and Stored Procedures for the Terms & Conditions, Auto Login functionality of user's accounts at multiple Banks, Brokers and Fund Managers (Commonwealth Securities Limited - CommSec, Commonwealth Bank of Australia - NetBank, Colonial First State - First Net Investments, Colonial Select).

Project : Online Centralized Golf Course Booking System, Melbourne.

Description:

The three main sections covered by the application are: Golf course search, reservation, booking and payment. Golf Course operations and System administration. This web-based system centralizes all the administration aspects that are currently maintained by the Golf Course users, such as the Golf Pro. The automated bookings system automatically fill in the Golf Pro's day sheet as users book over the Internet or via the pro-shop kiosk or via NLSR (Natural Language Speech Recognition) system. The golf pro has the ability to manage the day sheet by clicking on various aspects of the day sheet, and applying an action.

Responsibilities:

Involved in the design and development of the Java Beans, Servlet, JSP's, Applet, JavaScript and HTML, Swing, Applet signing, Java mail APIs. I was also involved in developing KIOSK application using VB.

Project : E-Banker, Online Banking for Arab Bank, Sydney.

Description:

It supports key features like Bill Payments, Funds Transfer, User Maintenance, Customer Details and Customer Maintenance. It is used to view, add, remove and change the user details, view, add, remove and change the customer details, unblock customer, set temporary password, view and delete Bill Payments, Funds Transfer.

Responsibilities:

Involved in design and development of the Business logic for the functional modules like Bill Payments, Funds Transfer, CSR User Maintenance, Customer Details and Customer Maintenance, for the Online Banking and CSR Modules using SAX basic.

Project : Spirit, Unit Pricing System, Sydney.

Description:

The Project deals about the smart investments to be made. The SPIRIT Unit Pricing Module allows controllable monitoring and access to the unit pricing process. Each step of the unit pricing process can be viewed, and parameters validated and modified if required.

Responsibilities:

Involved in design of the Business logic using the Session Beans and Entity Beans, which acts as middle tier.

Technologies: Java, J2EE, JSP, EJB, Oracle.

Professional Training

- Attended 1 day training on HTML5 at Tech Mahindra.
- Attended 2 days training workshop on "Project Management Professionals" from SEED.
- Successfully completed MDP module 1 and 2, training from Pragati Leadership Institute Pvt. Ltd, Pune.
- Successfully completed Oracle University course "Oracle SOA suite 10g: Services Orchestration Ed 1".
- Attended training on Hibernate conducted by Yashodip Patil from Sudeena Technologies, Pune.
- Attended training on Spring conducted by Yashodip Patil from Sudeena Technologies, Pune.
- Attended Oracle training from SQL Star.
- Attended Web Servlets and JSP training from Sela Software.
- Attended the training (2 weeks) on Mercury Automation Testing tools, from the Mercury Interactive representative.

Education

- Post Graduate Diploma in Advanced Computing (DAC) from Pune Institute of Advanced Technology in 1999
- B.E. (Electronics & Telecommunication) from, Pune University, India in 1995
- D.E.R.E. (Diploma in Electronics & Radio Engineering.) from MSBTE, Pune, India in 1988

Hemant Gadiya