

## Contact

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## Top Skills

Linux  
Checkmarx  
qualis

## Languages

English (Professional Working)  
Hindi (Professional Working)  
Marathi (Professional Working)

## Certifications

j2se 1.5  
Certified Information Systems  
Security Professional (CISSP)

# advait kulkarni

Lead Full stack security Engineer and Architect  
Jersey City, New Jersey, United States

## Summary

Lead Full Stack security engineer & Architect with over 17 years of diverse experience encompassing design, development and maintenance of complex software systems in web-based, multi-tier and client/server environments over Windows and UNIX platforms which also included relational and object oriented database systems implementation.

Strong software development experience using JAVA and J2EE technologies like Servlets, JSP, Spring, Hibernate, Ireport 3.0, Struts 1.2, JDBC, RMI, Ant, JUnit ,EJB 3.0.

Design and Development in Core and J2EE design patterns like Singleton, Abstract Factory, Builder, MVC2, Business Delegate, DAO etc.

Good OOA/OOD skills and data modeling using UML (Use-cases, Class diagrams, Sequence diagrams etc). Used UML tools like STAR UML, altassian platform.

Strong Experience in client side web technologies like Jasper reports ,JavaScript, HTML, DHTML, CSS, AJAX , extjs etc.

Application Support in Service Oriented Architecture(SOA) and Web Services (using XML, SOAP, AXIS2, UDDI, WSDL,JAX-RPC, JAX-WS)

RDBMS experience includes Oracle, SQL Server. Database programming and connectivity using JDBC, ODBC, SQL, PL/SQL, Stored Procedures, triggers, Queries etc.

Production Support with message brokers like RabbitMq,Apache Mq & IBM MQ

Define, establish and manage Security Penetration testing ,track effectiveness & handle compliance needs like PCI, SOX,FedRAMP.

Enhance the business processes by leveraging security standards and organizations such as SANS, HIPAA, PCI, NIST, SOX.

Conduct application security testing,code review and fuzz testing, review the results of ethical hacks of inter/intranet applications with the appropriate tools like Burp, Veracode, OWASP ZAP, Portswigger, Burp, IBM AppScan, HP WebInspect, and Acunetix.and Wireshark.

Experienced with common risk and information security management frameworks such as COBIT 2019, NIST, FIPS 199, CIS, ISO/IEC 27001, FedRAMP, FFIEC & use them to protect the information assets from attack vectors.

Configure mitre frameworks ATTACK(Adversarial Tactics techniques and common knowledge)model for detecting adversary activity using Cyber analytics Repository (CAR) and Cyber analytic repository exploratory tool (CARET)

Implementing Data Security and Cyber Security Frameworks with NIST.

Wrote a packaging utility for Symantec antivirus to be deployed globally on the organization's blue coat web proxies.

Enterprise security governance, remediation by Application security verification standard 4.x.

140 approved EAD upto Nov 2024.prefer remote,ny,nj.No C2C.Xdr by McAfee,crowdstrike.

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## Experience

### Mastercard

3 years 8 months

Lead Security Engineer & Solution Architect (Governance Risk Compliance )

October 2022 - Present (1 year 3 months)

New York, United States

AUTOMATED TPSD (THIRD PARTY SOFTWARE DEPENDENCIES)

REPORTS to generate SBOM using bash,Jenkins,

docker,ansible,git,java,spring & resolve the compliance issues for different releases using Corona,TPSCOMPLIANCE,CDETS,CIAM,compliance.ai.

Solved Vulnerabilities using ciam,java,spring boot,Jenkins

Image signing & verification using Digital Signatures,Cryptography,RSA

2048,sha256 bash scripts,signtool,anyday,verisign code signing certificate, jarsigner,.pem ,openssl , ECDSA(Elliptic Curve Digital Signature Algorithm),

ELF(Executable and Linkable Format).Content verification and integrity

checking of large ISO files using Open Virtualization Format(OVF)

VSPHERE,ovftool. Threat Modelling, Severity Grouping , Mitigation &

Remediation Analysis using ThreatModeler , STRIDE , DREAD . Penetration

testing , network scan using Nessus, BurpSuite,PortSwigger. & nmap.Taining

materials for vulnerabilities Resolution using confluence , VISIO,UML,PPT.

Solving Defects & escalations related to Root CA & SUB CA certificates using cdets , ciam & jira for CISCO DNAC(DNA Center).Worked closely with core services team,contributed to the evolution of the application and infrastructure security reference architecture,shared services and frameworks using git ,confluence,visio, ThreatModeler,CIAM,CDETS,LucidChart,Asvs Performed vulnerability research,served as technical security/risk advisor on new technology/applications developed by Cisco Ncp. Determined testing requirements and developed strategies to automate security testing using Nessus,BurpSuite ,PortSwigger ,java,bash,mocha.

Used javascript,css,Html,golang and android to manage desktop laptop web and mobile applications.Designed and implemented components system ie kernel,synchronization primitives,resource allocators,memory management, security,I/O systems using c,c++,unix.Customized Gnu and rust toolchain. coding designing microservices using spring boot,react,nodejs. Completed Information gathering for risk assessment.XDR using mitre.

#### Linux security engineer & Solution Architect

May 2020 - October 2022 (2 years 6 months)

New York City Metropolitan Area

Responsible for high level ,low level designs,managing defects,escalations for understanding,analyzing business requirements for crypto API and buy now pay later(BNPL) system.Identify features or refinements that can improve an existing product and design using Visio, confluence.Design and develop applications for carbon tracker reliability mechanism using golang, grpc,geneva.Unit,functional and integration tests using spring boot pcf java yml rally jenkins bitbucket maven ACH Wires OPF square api.QA of the product to ensure that any new or modified components properly adhere to MC standards using junits mock.Create documentation,including release guide to be followed by external customers and internal software development professionals using confluence rally, jamstack.Architecture design,coding & implementation of solution crypto and reporting dashboard using spring boot,camel esb,Uml,Axon, PCF,maven,git,graphql,PKI,PGP, https,oracle,angular,react,nodejs.Defining & implementing the payload encryption from issuers to crypto api.Api onboarding using content management system like jamstack and forestry.Api protection and content delivery network using Akamai.Security governance using Application security verification standard 4.x (Asvs) across the department.Creating secure coding standard across organizations.Threat Detection,Penetration testing,Cyber threat intelligence & threat coverage gap assessment using mitre framework.Integrate sca / dast / sast tools using

devsecops ,ansible,checkmarx,zap,groovy,git and Jenkins.Architecture and design roadmap for migrating IBM WAS,TDS and WPS authentication/ Authorization to OKTA on AWS beanstalk.Proof of concept and advisory of ping identity IAM infrastructure as per requirements for Mortgage client.IPS/ IDS using snort rules,multicast on TCP/IP. Mainframe CF2 Sysplex Security using RACF ACF2 CPF & audit using Zscaler on GSO records with CICS system under CICSplex.Xdr using crowdstrike

## Xoriant

7 years 7 months

Full stack Engineer ,EDR Security Researcher and Security Architect  
June 2019 - November 2020 (1 year 6 months)

New Jersey, United States

Experience with REST API Domain Driven Design. Experience with the design and development of REST API Experienced with Amazon AWS and containerization technologies ie Docker

Experience with AWS Services (SQS/RDS/S3) including knowledge of CQRS application architectures. Experience with Java,using the latest SDKs and tools and frameworks such as Spring, RxJava,Genova etc. Worked on frameworks like Python,Node.js,angular,react frameworks for application creation.Ability to develop functional, technical and user interface designs for an application that meets the defined requirements (business, system performance and standards)Demonstrated expertise in specific coding concepts and/or languages, especially around modern event based application architectures,CQRS, Kafka, Kinesis.Experience with implementing Java, Spring Boot, Golang,Hibernate, HATEOAS,Gradle/Maven, JSON, ReST/Resource Oriented Design.Experience with configuring highly automated CI/CD pipelines.Experience interfacing with back-end applications using MQ, SOAP, RESTful services, GRPC and JSON.Experience with Agile/Jira, Jenkins/Cobertura/PMD/FindBugs.Threat modelling using Stride,Dread.Experience in highly-secured online environments that use n-tier designs and extensive firewalling to enhance security.Experience with Wiremock,JUnit/Mockito/Assert4J,JMS/MQ, Functional Reactive/ Lambdas/ Streams.Experience in multi data center physical implementation models for scalability and resilience.Responsible for researching, analyzing,designing,and delivery of IT architecture solutions that are appropriate for the business and IT strategies in one or more domains.Define, implement and maintain technology security infrastructure, policies, processes and procedures to proactively protect, monitor, data security,investigate,resolve threats to a secure user environment,company assets using mitre attack framework & nist.Mobile

penetration testing using burp suite, android debug bridge, zap. EDR using bitdefender

## Technical Architect , Business Analyst Lead Developer & Security Engineer

March 2018 - June 2019 (1 year 4 months)

Greater New York City Area

Design, support, coding, enhancement & implementation of Data management, reporting, Metrics collections using rest api, Adobe Audience manager, AWS, android sdk, AEM & Compliance rest api error handling mechanism using spring data, Kafka, java, spark, AWS, Geneva for Goldman Sachs(GS). Penetration testing , cryptography and Authentication using AEM security scanner, AEM exploitation tool, AEM token manager, AEM cryptosupport, Burp suite, wire shark, oauth, saml & pgp.

Automation, Release management & Business intelligence using splunk, jenkins, ansible, conductor, AEM release manager, AEM service, maven, python & plutora.

Infrastructure design and deployment using AEM cloud , yaml, CloudFormation template & PCF

Designed and implemented cookie Emma connectivity changes using web application framework, AEM analytic data feed, AEM Osgi, mongodb, spring, Kafka , camel. Natural Language Processing such as Statistical, Deep learning, Rule-based implementations to identify different entities Name, Person, organization, date etc. within Customer Hub & authentication service using adobe NLP cube , apache open NLP. Migrate code, tags, branches and commit history logs from current svn repository to git using git-svn, bit-bucket, AEM cloud manager repository.

Analysis, anomaly, pattern detection, report management of compliance & registration requests using adobe analytics and AEM analytics data feed. Automated Data Analysis and Arithmetic modelling to discover new markets , user groups and segments using Adobe audience manager, adobe analytics , oracle Eloquo. Creating personalized web pages using adobe target cloud solution, Dynamic tag manager(DTM) rules and adobe analytics. E-commerce configurations like Product management, payment setup using hybris and magento. Responsible for creating the architecture of blockchain systems, creating smart contracts & web apps that use blockchain technology and building and optimizing blockchain protocol.

## Technical Architect & Lead Developer & Security Engineer Client: City Of Boston

December 2015 - March 2018 (2 years 4 months)

Boston, Massachusetts, United States

Design of Thingspace(TS)platform Rest Api microservices using Golang,Webstorm.

Created notification context involving events,triggers of TS platform using Mocha,Node JS & Bash Shell.Created TS virtual environment using vagrant,Linux,brew,Java,HomeBrew,cask,Ansible 2.2Building, shipping and running distributed applications using Docker.Integrating Build automation System with TS platform using Gradle.Integrating JSon Parser using JQ.Integrated Messaging & notification System Queue to TS using Kafka.Implemented Policy measures using RSA Avesa Identity Access Management and Governance (IAM),SAML,OAuth for resource access & authorization.Enterprise Service Bus,Business Process Server,Business Rules Server & API Cloud using Wso2.Creating a server less Form & Data Management Platform using FormIO & mongo DB.Devops(CI / CD ) using Docker,Docker compose & swarm,Gitlab,Jenkins ,confluence,Mongo DB & vagrant

RSA key encryption using cryptography,pgp & TLS.

Linux administration using ubuntu.Mutual authentication using BNEP,java security & certificates

Used mobile widget application using DOJO mobile using themes , views and widgets.Integrated the android app with Google Navigation system.

Automated Functional Testing using Selenium.Dynamic tracing using Btrace and wireshark

Conducted application security testing,code review and fuzz testing, reviewed the results of ethical hacks of inter/intranet applications with the appropriate tools like AppScan,Flawfinder, PMD and the report analysis. Used Vertex event bus for non blocking reactive applications and consul for configuration management.Cloud system monitoring,alerting using Prometheus.Monitoring sensors and relays using AR drone ,Ya drone.Evaluation of host intrusion prevention solutions by Cisco and Mc Cafe Engineered deployment of skybox - firewall change Mgmt product.Mainframe CF2 Sysplex Security using RACF ACF2 CPF & audit using Zscaler on GSO records with CICS system under CICSplex.

Technical Architect ,Lead Developer & Security Engineer Client:CDUS  
May 2015 - December 2015 (8 months)

Rockville, MD

Designed a SOAP Web service client, parse the CTSU (Clinical trials Service unit) WS at the Java front end. Created a dynamic rules based patient validation framework using drools 6.3.Implemented POJO-based

development approach using Spring batch. Created a workflow to pass the acknowledgement messages to ADEERS system .NET messaging system using mule ESB, apache rabbitMq 2.12, multithreading & jms, spring core Used apache CFX libraries as support to the webs service client Migration to cloud environment using mule esb, cloudhub & Anypoint Runtime Manager. Used eclipse MAT & JProfiler to analyze heap dumps to get a snapshot of the memory of an application. Used Volley library & android for XML/JSON data management of internal mobile App. Connected with proprietary middleware framework named Snowfinch. Validating Scenarios & automated selenium testing using Behavior Driven Development (BDD), cucumber Using AngularJS controllers and directives to bind data and make AJAX calls for Asynchronous requests handling from Web Server for Transaction Summary screen. Bug Tracking, scrum charts, project management using jira & agile Create failed transactions excel report using jasper reports J2EE Security Controls, J2EE Security Concepts and Network Security DevOps (CI / CD ) using Docker, Jenkins , confluence, Oracle, apache rabbitMq & vagrant Environment: SOAP UI, SOAP Web Services, XML, Java, J2ee, DB2, SQL Server, Autosys job scheduler, Oracle 10g, Java, J2ee, DROOLS 6.3, drools data tables 1.9.4, JUNIT (Test Driven Development), Eclipse, UML, Java Mail API, IBM Rational Clear Case Client, IBM Clear Quest, mule ESB 3.3.0, CloudHub R44, Anypoint Runtime Manager 1.2, Spring batch , 3.0, spring core 3.0, log4j, maven, apache Kafka <https://www.linkedin.com/redir/invalid-link-page?url=0%2e9%2e0%2e1> , Eclipse Memory Analyzer (MAT), cucumber 2.3.2, apache rabbitMq 2.12, angularjs, react, node js, Android SDK, Unix, jprofiler 7, Jasper Reports 6.3.0, SAML, XKMS. UEBA using mitre & defender.

Technical Architect , Lead Developer & Security Engineer Client: NCI  
October 2014 - May 2015 (8 months)

Rockville, MD

Iterative software development using Rational Unified Process (RUP). caching using Ehcache Functional programming using Scala. Developed SQL queries in Oracle 11g. , Unix Ownership in converting the YUI framework to JQuery, AJAX 2.x components like Datepicker, Layout Manager, Data Tables, Menu etc Struts, EJB 3.0 Enhanced websites using WCAG 2.0 Success Criteria - Level AA using jquery, html & backbone.js Front end troubleshooting using Mozilla firebug & single sign on using OAuth2. Creating single page rich client side & mobile ui supporting applications using backbone js. Creation of domain classes, design & high level functional logic using openxava MDD, Informatica MDM. Migration to cloud environment using Aws, apache camel, fuse esb, OsgiHP Operations Manager Integration for monitoring



SMNP alerts & performance metrics communication of new & deprecated protocols with Ctep-Aers system .NET messaging system using apache kafka, apache camel Used Volley library for XML/JSON data management connecting with Web-services. Used Android background services Integrated the app with Google maps V2.0 APIs & Google Navigation system to display in-app maps. Designed a restful web service to query the list of patients for protocol using micro services, spring Boot. Used Jasper Reports for creating report of newly added protocols and patients. Conduct application security testing, code review and fuzz testing, review the results of ethical hacks of inter/intranet applications with the appropriate tools like Burp, Veracode, and Wireshark, Rest Web Services, XML, Java, J2ee, DB2, Sql Server, Autosys job scheduler, Jsp, Servlets, Mock API, JUNIT (Test Driven Development), Eclipse, UML, documentum, Jira, JavaMail API, IBM Rational Clear Case Client, IBM Clear Quest, backbone.js, node, react, angular, hibernate 3.x, Metadata Driven Design (MDD), open xava 4.5, apache kafka 0.9.0.1, apache camel 2.12.3, amazon ec2 2014-05-21, Android SDK, Google Maps V2.0, Ehcache 3, Jasper Reports 6.3.0, Scala 2.10.2.

Software Architect, Lead Developer & Security engineer Client: Ford  
December 2013 - October 2014 (11 months)

Detroit, MI

Analysis and estimation of new requirements to the deployment environments using agile methodology.

Responsible designing & creating Allotment Web service for displaying for CLP (Customer Loyalty Program) & TAP budgets

Designed & created a report for running monthly reports denoting posting of dealers using Autosys job scheduler

Estimation/Budgeting using agile methodology

Created a Web User Interface for bulk testing of claim request used for Process Repair Order Service using angularJs

Invoked EDMS services to store pdf documents in cabinet, room format using documentum & MTOM

Creation of monthly pdf documents using itext 4, Autosys Job scheduler, JavaMail API & Java Activation Framework (JAF)

Creating detailed module specifications document from high level requirements using UML

Understanding new customer requirements and document changes to the existing project scope

Provide support to resolve bugs using Jira



Deploy application using Oracle Java Cloud Service SDK & Netbeans. Web service request validation using groovy script. Deploying to cloud environment using mule esb, cloudhub & Anypoint Runtime Manager.

Written code for the phonegap wrapper.

Deployment of applications done via OTA (Over the air) methodology.

Used IDBMS as relational database for querying mainframe data

Programming based on Cryptographic Algorithms like block and stream ciphers, Ethical Hacking and Computer Forensics. XDR, SOAR & SIEM integration using Cisco, McAfee Chronicle Soar & Splunk.

SOAP UI, SOAP Web Services, XML, Java, J2ee, DB2, Sql Server,

Autosys job scheduler, Ehcache, Electronic Document Management

System (EDMS), Oracle Toplink & workbench, Jsp, Servlets, Mock API,

JUNIT (Test Driven Development), Accurev 5.3, Eclipse, UML, documentum, ibm

rational software architect 8, jira, ltext 4, Message Transmission

Optimization Mechanism (MTOM), JavaMail API, Java Activation

Framework (JAF), axis2, groovy 2.x, mule esb, cloudhub, Anypoint Runtime Manager, angularJs 1.2.2, Phonegap

Product Architect, Lead Developer and Cloud Security Engineer

Client: STATE OF MA HIX IES

May 2013 - December 2013 (8 months)

Boston, MA

.Responsible for creating and implementing a DR (disaster Recovery) plan for the existing setup. (DBOR/SBOR) by creating a feasible architecture of the deployment environments using salesforce service cloud. Provide necessary daily status reports regarding client escalations & delivery schedule. Responsible for integration of mainframes and welpoint system using SOA approach, web services & salesforce ESB 4.5.0. Managing Deployment Environments like Production, Client Validation (CVE), Integrated System Environment (IST), Quality Assurance (QA), and Development (DEV) are working according to client expectations. Responsible for integration for Health Care Reforms (HCR) related changes into the core Application. Create an devops infrastructure plan for various Welpoint environment like IST, CVE etc using vagrant, docker & chef. Created periodic transactions reconciliation reports using spring Batch, Quartz & berlin schedulers. Using hibernate cache to store frequently used transaction objects. File storage using MongoDB. Created User Workload Report, Issue Average age Report & Burn Down Chart using jira. Full audits of files, review and cleanup permissions, audit of Halo policies (Firewall, CSM, FIM) Write a program to use JSS API to export and mail data from Casper Suite. Following and writing end-user security guidelines which include Full Disk Encryption of Windows, Backing up codes,

Laptop security, Firewalls setup, Installing Software Updates/Security Patches, Password Manager, Antivirus, Web Browser security, Social Engineering guidelines. Environment: Oracle 9i, XML, Hibernate 3.0, Jsp, Servlets, Mock API, JUNIT (Test Driven Development), CVS, Eclipse, Jira  
 4.1, AGILE methodology (SCRUM, SPRINT), CSS (cascading style sheet), salesforce cloud ESB, Web services, Spring 3.3, WebSphere MQ 7.5, Web services, FTP (File Transfer Protocol), Unix, Putty Connection Manager, sql, pl/sql, SOAP, core Java, J2ee, TEAMVIEWER, shell script, spring batch, multithreading, Hix scheduler, cache, Android SDK, Blackberry SDK, SQLite

## Northgate Information Solutions

1 year 11 months

Lead Java Developer & Information Security Engineer Client: Aer Lingus

August 2012 - April 2013 (9 months)

United States

using oracle 9i, MS sql server. using ejb 3.0, struts 1.2, jsp, servlets, dojo, Jira, IDEA intellij, sql, pl/sql. Ensure proper coverage of unit & business test cases using Junits & mock Api. Provided changes to Myview to incorporate appraisal system in a phased manner using angular js & xml. Conducted trainings on junits & xml, xslt frameworks with the team. Building Interactive web application and rich components using jsf, xslt and xpath, ext-js. Created data models & custom ui components using JSF & single sign on using OAuth2. Enhanced websites using WCAG 2.0 Success Criteria - Level AA using jsp, html, java script & jsf. Implemented Audio processing algorithm to convert WMV to DSS/DS2 & email the formatted audio. Audio recording in WAV format, convert recorded audio to AMR and DSS/DS2 format. Implemented secured rest WS for retrieving employee details using Spring Security. Used fuse esb workflow for decision making and passing control to different screens. Integrating Jira with relevant other tools viz Code Repository & Fish Eye etc. Creating permissions for different levels of user to view the jira objects eg spring manager, client etc.

Monitoring external security resources to identify potential or existing threats and vulnerabilities to the company's information systems and Conveying alerts to appropriate technical personnel. Administration of the Own YIT systems deployed policy management. Oracle 9i, MSSql server 2011, XML, XSLT (XML Style sheet Level Transformations), Hibernate 3.0, Delegate pattern, EJB 3, Struts 1.3 MVC, JSON (JavaScript Object Notation), JSTL (Java Struts Tag Library) 1.2, XPATH Formatting

Objects Processor (FOP),JavaSeverFaces(JSF)Jboss 5, Glassfish 3x.Mock  
APi, JUNIT(Test Driven Development), Tortoise SVN,IntelliJ IDEA 11, Jira  
4.1, AGILE methodology(SCRUM,SPRINT), Coda 2,VSS,CSS(cascading  
style sheet), sql.pl/sql core Java,J2ee,jqery 1.8.0, Java Script, Angular  
Js,Jquery,cache, bootstrap 3, Android SDK, Blackberry SDK, SQLite, Unix,  
Spring Security 4.0.0,rest,fuse esb 5.x

Technical Architect, lead developer & cyber Security Engineer Client:UK  
POLICE

June 2011 - August 2012 (1 year 3 months)

Nottingham, United Kingdom

spring ,cache ,ensemble,juddi ,SOA , SOAP UI and tomcat 6Bug Fixing &  
Maintenance using jira,jms, maven,apache activeMqcoverage of unit &  
business test cases using Junits &mockApi.Provide a integrated framework  
for accepting input PutPole messages & processing them against the  
storedGetPole queries from the scratch.Providing integration solutions for  
ensemble ESB with java spring framework.Designing of UI and project  
components using jsp , servlets ,maven

using Jira, Altassian Smart Platform(Confluence, Crucible, Fish Eye),pl/sql,  
ajax Designed a restful web service to query the list of incidents in a particular  
area identified by zip code. Delivery, Integration & maintenance of Jasper  
Reports, web services(REST)Analysis & Query of Cache data using Hadoop  
2.0.1, Virtual box , Cache & apache sparkCommunicating workflow notification  
events using node js & ensemble Developed an internal mobile notification  
app using Android 3.0 & SQLiteUsed Control + M daily workload automation  
for searching incident objects in Cache DBCreate Rich Internet & Client side  
Application using Google web toolDistributed in-memory computing platform  
using apache igniteExecute RCSA tests and participate in audit reviews  
related activities.

Installation and use of GAT(General Audit Tool) Environment: Cache  
2010.2, XML, Springs 3.0,SOA,JMS 1.1,ENSEMBLE 2.X,POLE 2.10,  
ActiveMQ 5.5.0 ,JUNIT(Test Driven Development),MAVEN 3.04,Hudson  
2.2.0,SOAP UI 4.5,JUDDI 3.04, Tortoise SVN,Eclipse IDE, Jira  
4.1, AGILEmethodology(SCRUM,SPRINT),Tomcat 6.0,mingle,web  
service,hdfs,sqoop,hive

JSP, Servlets, Java 1.5,Jasper Reports 3fm,IBM DB2,POJO, EJB 3.0,  
XML,jndi,JBOSS 5.1,Tortoise Jira 4.1,Altassian Smart Platform(Confluence,  
Crucible, Fish Eye), AGILE methodology(SCRUM,SPRINT),maven, web  
services(REST),oracle, sql,pl/sql, ajax, apache Hadoop , Distributed Cache ,  
Virtual box , Linux 3.0 , node js 0.8.0 Android SDK, Eclipse, Java, SQLite,  
Spring Security 4.0.0,google web tool (GWT) ,apache spark 1.6.0

## Emirates

1 year 3 months

Senior Java Engineer & Web Security consultant Client: CORPORATE PAYMENT GATEWAY

October 2010 - June 2011 (9 months)

DUBAI, UAE

Understanding Requirements from the Business community & provide high level design & estimations.

Propose high level & low level designs using flowcharts & ERD diagrams & get approval from Business community. Construction according to timelines & acceptable project standards using jsp, java, JSF, xml, hibernate, ejb, eclipse Unit testing(UT), User Acceptance Testing(UAT), Regression Testing(RT), System Testing(ST)

Ensure PCIDSS compliant end to end process & transactions.

Production Support of bugs in a timely manner using sql , pl/sql, ajax, extjs, jira 4.1, ant, web services, ant

Estimations using the functional point complexity standards of CPG.

Making credit card transactions compliant to PCIDSS standards.

User interface layer development using jsf for E-commerce application

Enhanced websites using WCAG 2.0 Success Criteria - Level AA using jQuery & html

Use of content repository , templates & customized UI using dotcms

Environment: JSP, Java 1.5, Jasper Reports 3 , JSF, Oracle 9i, EJB 2.0, HIBERNATE, XML, jndi, Weblogic 9.2, IBM Websphere 6, Beyond Compare, Eclipse IDE, Jira 4.1, AllFusion Harvest Change Manager 7.1, Ant, oracle, sql, pl/sql, web service, ajax, dotcms 1.9, Blackberry SDK, Java ME, SQLite

Senior Java Engineer & Security Consultant Client: Swiss Cargo \_SKYCHAIN (CARGO & LOGISTICS)

April 2010 - September 2010 (6 months)

DUBAI, UAE

Understanding & define the Requirements in a Solution Document (SOW).

Submit High Level & Low level Design & get it approved from the Solution Architects.

Construction & testing according to timelines & quality using the customized framework (Jfoundation), pl/sql, oracle 10g, Tomcat 6.0, ajax, extjs, hibernate, jboss, jira 4.1

Creating release Documents

Integration of Allotment Api for synchronizing Allotment Records & Flight Schedules.

Creating rich webpages and dynamic web components using tapestry

Create rich ui pages and customized components

Used J2ME APIs for playing audio and video

Deployed the application on java enabled phones via over the air (OTA) method

Environment: Swing 1.1.1, Jasper Reports (I Report 3.5), Core Java, Java Server Faces (JSF) 2.0. Oracle 10g ,sql, PL-sql., JFOUNDATION,Hibernate 3.0,Tapestry 4.,Tomcat 6.0 ,JBoss 5.1,Beyond Compare, Eclipse IDE, pl/sql Developer, Jira 4.1, dojo 1.8,,ajax,ext-js, Java ME

Oracle

1 year 5 months

Associate Java Developer & Software Security Engineer Client: Duetsche Bank

May 2009 - March 2010 (11 months)

Singapore

Creating High level & low level design using UML, Star UML

Creating screen prototypes & data flow using PBL Peeper tool, PowerBuilder

Created a screen (Extract Schedules) to queue a list of schedules which accomplish particular task using flex3

Coding according to project timelines & standards.

Creation of unit, system & integration test cases.

Designed & supported PEP(politically Exposed Person) batch job using Spring 3

Delivery, Integration & maintenance of Jasper Reports.

Created a Decision Support System functionality for the Risk Manager using spring, unit

Creating a plan for customer showcase of the agreed deliverables.

Deployed a mobile application on via over the air (OTA) method & Android sdk

Used Hybris ecommerce along with Jrebel and spring for Content management systems (CMS)

3.0,Jasper Reports (I Report 3.5),Core Java, Oracle9i,sql, PL-sql, struts

1.2, Spring 3, XML, Tomcat 6.0., Star Uml ,PBL Peeper, Oracle Task

Manager,Araxis Merge, Eclipse IDE, PowerBuilder 4.04,JUnit (Test Driven Development)(TDD),spock Android sdk., Hybris , Jrebel

Java Developer, Business Analyst & Security Engineer Client: ORCA (Order Capture Application)

November 2008 - May 2009 (7 months)

Ireland

Understanding business requirements and write program specifications

Develop presentation tier using JSP, Servlets ,Struts Tag Library ,ajax  
 Responsible for research & integration for jasper reports 3.0  
 Integrate the presentation tier with server side Struts Action classes.  
 Implemented data access layer for search module using java,struts,oracle,sql/  
 plsql  
 Unit testing(UT),User Acceptance Testing(UAT),Regression  
 Testing(RT),System testing(ST)  
 Analyzing Accounts Reconciling between Broker & Orca System Transactions  
 & provide solutions for streamlining the process using jms,IBM MQ series  
 Research & implementation of Jasper reports.  
 Participated in technological discussions to finalize an optimum framework for  
 the project.  
 Created POC (Proof of Concept) for the use of flex 3.0 to the client.  
 Implemented speedy java Garbage Collection techniques  
 Conversion of broker file in EDI to XML using smooks ETL  
 Designed a reconciliation App using Android sdk  
 Ecommerce Cms using Hybris platform & AEM

Environment: Java 1.5,Struts 2.0,Jasper Reports, Flex 3.0, Oracle9i.,J2EE,  
 JMS ,Tomcat 6.0,smooks 1.3  
 I report 3.0, Flex Builder 3.0, Eclipse IDE, IBM MQ Series, oracle, sql, pl/sql,  
 ajax, smooks 1.3, Android sdk ,hybris 4 ,Adobe Experience Manager (AEM)

## Mastek

1 year 11 months

Java Developer & Security Consultant Client:Core Elixir

December 2007 - November 2008 (1 year)

London, England, United Kingdom

Business Analysis of the existing requirements & converting them into detailed specifications.

High level & low level Designing using BPEL,SOA,JForm Designer, Web Services

Coding using core java , SQL,PL/SQL

Coordinate with QA & ensure bugs are resolved in timely manner.

Documentation.

Bug Fixing using swing 1.1,Jform designer

Enhancement & support for New Business.

Responsible for integration & configuration BPEL services on Oracle esb,OC4j

Design and Implementation of Bulk printing solution for various reports in all modules using jsp , core java,EJB,servlets,DB2,Quest central for Db2, using sql,pl/sql

Design and developed payment interface for registration module

Responsible for understanding, functional & technical analysis & providing enhancements solutions for Registration module.(module lead)

Unit testing and peer-code-review.

Defect fixing.

Understanding & Evaluating Requirements , Designing , Coding , Unit testing,Documentation, Sql Performance tuning, Business Analyst using sql,pl/sql,IBM WebSphere 6

Developed APP to view Insurance policies using Android Sdk & SQLite

Environment: Core Java , JForm Designer 4.02,Swing 1.1, OC4J(Oracle Client for Java), BPEL(Business Process Evaluation Language),SOA , sql, PL-sql, Web Services,BPM(Business Process Monitoring),Mercury Quality center, Tortoise SVN, Eclipse IDE, ANT 1.7, JSP, Core Java, Quest Central for DB2, sql pl/sql, EJB, Servlets, IBM WebSphere 6, Linux OS.VSS 6.0 ,Eclipse IDE, Android Sdk, SQLite

Java Developer & Security engineer Client:Savi Technologies

January 2007 - December 2007 (1 year)

Singapore

Developed servlets to handler server side request processing using java , servlets

Understanding Requirements, Designing , Coding , Unit testing , Documentation using IBM WebSphere

Developed various master input screens for create zone , create site using JSP, JavaScript , struts & pl/sql

Unit testing and documentation.

Bug fixing using Jira.

Worked on Apex classes ,Triggers ,test methods and Visual force pages to implement custom functionality.

Worked with apex scheduler to invoke apex classes at regular intervals.

Conducted all Data Migration using the salesforce.com import tool. Migrated data from MS Excel / CSV files to SFDC using Apex Data Loader.

Experience in developing SFDC custom objects and work-flow business rules.

Performed detailed analysis of business and technical requirements and designed the solution by customizing various standard objects



of Salesforce.com (SFDC) and using other Platform based technologies like Visualforce, Force.com, and Web Services.

Worked on various Salesforce.com standard objects like Accounts, Contacts, Cases, Leads, Campaigns, Reports and Dashboards.

Performed the roles of Salesforce.com Administrator and Developer in the organization. Developed various Custom Objects, Tabs, Visualforce Pages and Controllers.

Developed Workflow Rules, Time-Dependent Workflow Actions, Email Alerts and Field Updates.

Involved in data mapping and migration of data from legacy systems to SalesForce.com.

Environment: JSP, Struts(1.2), Core Java 1.4, Oracle, sql, PL/sql, EJB, Servlets, IBM WebSphere 6.1, UNIX, VSS 6.0, Eclipse IDE, JIRA, SFDC 5.0.1, apex 32, Apex Data Loader, Visualforce, Force.com

## Arient Info

Security Software Engineer Client: AIG

December 2005 - January 2007 (1 year 2 months)

United States

Description: It is a File Transfer mechanism. The files were submitted to the application and the different sub-elements of the application will check the validity of file and store the data in the Database. Caters to the HR domain.

Responsibilities:

Developed threads to store object states and parse files using serialization using core java

Understanding Requirements, Designing, Coding, Unit testing,

Documentation using Ms Sql Server

Unit testing and documentation.

Used Multithreading to handle different extensions of file, retrieving & storing data as objects in the database.

Environment: Core Java, Microsoft Sql Server, VSS 6.0, Eclipse IDE, WebLogic 9.1, Ant, Maven

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## Education

Institute Of Management & Career Courses

Master of Computer Applications - MCA, Computers · (2003 - 2006)

### Fergusson College

Bachelor in computer science( BCS), Computers · (2000 - 2003)

### Mithibai College

Higher secondary Certificate (HSC), Physics ,  
Chemistry ,Maths · (1998 - 2000)

### Vidyanidhi High School

Secondary School Certificate , Maths , Science , Social  
Science. · (1988 - 1998)