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**OBJECTIVE**

Design and develop applications as a Senior Java developer role in a challenging and growing work environment.

**EXPERIENCE SUMMARY**

* Java developer with 15+ years of experience in delivering enterprise solutions, Web applications in Banking domains.
* Expertise include Java, Spring boot, Spring Cloud programming, etc.
* Self-driven, highly motivated, result oriented and leadership skills
* Excellent time-management and multi-tasking

Sample web pages :

Google Cloud : <http://saravan-js.com>

<http://saravan-js.com:7070/home.htm>

Source code : <https://github.com/vsaravanan?tab=repositories>

Online samples for testing : <https://codesandbox.io/u/vsaravanan/sandboxes>

**TECHNICAL SKILLS**

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* Languages : Java, Oracle PL/ SQL, Unix / Linux shell scripting, JavaScript, C#
* Spring framework : Core, JPA, CRUD, SpringBoot, MVC

Spring Security, AOP – auditing and authentication, ORM

* Multithreading
* GUI: ReactJS, Redux, Angular 5, ExtJS, RxJS, BackboneJS, TypeScript
* Audit Trial : Hibernate Envers and Spring AOP or Hibernate intercepteor
* Caching : EHCache for data caching
* In-memory DB : hsqldb, Sftp : jsch, reader : opencsv
* DB change management tool : Liquibase to manage database changes
* Web Technologies : jQuery, Bootstrap, CSS3, HTML5, Ajax
* Web services : Jersey, RESTful Services (json)
* Web servers : Apache, Tomcat, Weblogic, Google Compute Engine
* Data serializations : json, gson, google protocol buffers
* Source Code control: Git
* Continuous integration tool (CI & CD): Jenkins, Docker
* Automating Build processes using Maven and Gradle.
* Testing: Junit, Mockit, cucumber, selenium
* .Net skills : C#, Linq, xaml
* IDE tools: Eclipse, Sublime text, Visual Studio
* Db: Postgresql, Oracle, MSSQL
* Agile tool : Jira, FishEye
* Web hosting: Google cloud, linux server deploy, Oauth2 authentication

**TECHNICAL SUMMARY:**

* In-depth understanding of various design patterns like MVC, Singleton, DAO, DTO/VO, decorator, factory, observer, command patterns, builder, repository.
* Application of OOPS, design patterns, web services, multithreading, serialization, generic, collections, asynchronous, workflow management, session management, scope management, template development, rules based data processing, etc.
* Optimization, Performance tuning, Validations, Exception handling
* Automate installations and test runs. Performing regression testing by simulating heavy user sessions
* Workflow designer, Process Flow modelling and Data Flow modelling.
* Code refactoring and ensuring quality standard.
* Troubleshooting performance issues, concurrency issues (dead locks), memory leaks, etc.
* Asynchronously updating data changes in multi user sessions using Event notifications, and reading from cached data if data persists, and utilizing browser storage for optimal performance.

**EXPERIENCE :**

**Jun 2018 – Curent (May 2019)**

**Senior Java developer**

**Standard Chartered Bank (Wealth management, Titan)**

Migrating .Net C# projects into spring boot projects due to new scb standard.

**Apr 2018 – Jun 2018**

**Full Stack developer**

**Avensys and Accenture**

I have done some freelancing project for Singapore High Court, to convert voice recording to text messages from 8 mics for court evidence purposes. A-Star has engaged me to do this freelanding project. This is on C++ and .Net WPF. Client/Server model.

<https://youtu.be/xgsQvI-Eyg4>

I have worked for CHUBB, Singapore (Corporate Insurance) to extend DBS PayLah App for Travel insurance. This is on ASP.Net 2.0, Visual Studio 2017, Entity FrameWork 2.0, Angular 5.

This invokes call to DBS API, User Authentication, Credit Card validation, Insurance Plan selection, etc. This is to support hybrid model iOS and Android

Sample project but in desktop version

<https://sgtravellershieldplus.chubbtravelinsurance.com/>

**Apr 2017 – Mar 2018**

**Senior Application developer**

**Standard Chartered Bank (CIBITO-FM-Collateral&Report-SG)**

Development and Application support for COPS (Collateral Optimization pricing system)

Recently we have added new product feature “Agency Lending”, which is implementing two-way connectivity between SCB and EsecurityLending and between TB custody platforms and FM repo lending platforms and collateral validation tools. This helps clients to leverage existing infrastructure towards trading.

Application involves Anticipated Margin Call Events, Substitution Proposal, Martini data feed, Trader Approval, CM approval with maker checker concept, Collateral Trades, Collateral Curves, Legal Agreements, Collateral Eligibilities, Counterparty Positions, Inventory Browser, Trade data, Trade Booking and Confirm, Pledge, Recall, Collateral allocation, UVA authentication, etc

Environment: Real-time refresh using Web socket programming, Callback notifications, Email alerts, Message Topics, Webmethods broker, Multithreading, Repository pattern, liquibase, hSqldb in-memory db, Spring framework Cacheable, Hibernate Audit Trial, React JS, Redux, Jenkins, Jira, FishEye, Stash Git, Agile model, Password safe, DB Kiosk, etc

**Algomi feed processor :** It is a batch processing application developed in Spring boot. Algomi ecosystem connects fixed income buy-side (Honeycomb) and sell-side (Synchronicity) participants to provide analytics to discover real-time trading opportunities. Algomi tech are interconnected and combined with scb trades to provide a platform for Sales Team. The end points are Fmetal reference data, PCT2 portfolio sonar sales coverage, sonar client profile, BTS trade feed, BDL security feed, Axe feeds, Bloomberg Live Prices and Electronic Inquiries, Bond mapping and Bond enrichment. Implemented dedicated SaaS infrastructure hosted in AWS also with data encrypted.

Developed application to receive sftp feed from Bloomberg and we send outbound data to algomi.

It has scheduler of Control-M jobs and MQ. We have configured Jenkins to automate CI build and deploy in various environments. Implemented database setup and production deployment, etc

Implemented Password encryption mechanism for PIM team. Implemented CPU monitoring, File system monitoring and Log files monitoring facilities.

Raised of Production CRs and handled Risk Assessment Questionnaire

Environment: Spring Boot, hibernate, Oracle, Jsch sftp, Websphere MQ 9, Data Integrator Control M, Node v 9.3, React JS, Redux

**Apr 2016 – Apr 2017**

**Consultant : HCL Tech**

**Credit Agricole Bank (CAIIB) Jan – Apr 2017**

GUI Web application developed using Spring, Hibernate, ReactJS, etc for the internal users.

One of the feature is dynamic web page to provide transformed view so that end users can feed entries in matrix view.

**UOB Bank Oct - Dec 2016**

<https://pib.uob.com.sg/PIBLogin>

Rewards cart webpages for Personal internet banking using ReactJS, Redux, Router, WebPack, NodeJS, ES6, etc.

**DBS Bank (Supply Chain Finance) Jul – Sep 2016**

<https://ideal.dbs.com/loginSubscriber/login/pin.jsp>

Application is involved with Buyer Finance and Supplier Finance to enable finance on bills

I have completed few modules for mChallenge to trigger Pin into Security Token and its validations.

I have developed few UI modules, file upload feature and few reports

Softwares used in these projects are: SpringMVC, MariaDB, JBOSS developer Studio, bower, Node.js, ReactJs, Backbone.js, Underscore.js, HandleBar.js, Backgrid.js, Backbone.paginator, bootstrap, jQuery, jQueryUI, Jasmine, Karma, Grunt, scss, Jade, Sublimetext, Jenkins, CoffeeScript, Ruby Libraries, HTML5, Jira, Fortify, SonarCube, WebInspect with Agile methods.

**BNP Paribas Bank Apr - Jun 2016**

Technology: Spring 4, AngularJS1.5, Oracle 12c, ActiveMQ, ORM (Hibernate to iBatis)

protractor

Module named “Customer Profitability Report” which is a migration project from lux to sg.

Agile methodologies with (JIRA) and used Docker for Release automation and deployments.

**Aug 2015 – Mar 2016**

**Senior Application developer and Tech Leader**

**Continental Automotive S Pte Ltd.**

**Achievement :** Independently managed an innovative project.

* Carpark Web application to integrate with android mobile devices to facilitate

Parking reservation over the mobile.

* Demo Bike Device application to communicate with Bike cluster (Innovative)

*Park & Go Android application* is to help motorists to find available parking

<https://play.google.com/store/apps/details?id=com.conti.parkandgo2&hl=en>

Retrieves data from HDB and LTA domain to provide online carpark availability

Utilized Google Maps APIs to draw the navigation lines to drive to the target location.

Tools used : Spring Framework, MVC 4, Spring Security, AOP, ORM, JMS, Hibernate

JSP, JQuery, ReactJS, KendoUI, Bootstrap, Sitemesh, CSS3, HTML5,

Web services: REST, Spring SOA

Gson, Android SDK mobile programming, Bluetooth embedded, Google Maps

**Technical details**:

* Template based programming enabled easier cloning and faster development time
* Designed and developed Spring security configuration to secure the site with CSRF.
* Synchronized messaging. Designed APIs to send and receive messages for Mobile Smart Parking application in gson format
* Grid with server side sorting, filtering, paging to avoid downloading huge data to client.

**May 2014 – Jun 2015**

**Senior Java Developer and Tech Lead**

**SingTel**

**SingTel SME Mobile eShop OFT Migration and Buy flow application**

**OFT: order flow through** system to capture customer orders over online.

(Environment: Weblogic, Eclipse, EJB, JSF, JPA, Core Java, Spring MVC, Hibernate, Primefaces, Oracle 12c**,** ReactJS, KendoUI, HTML5)

*Admin application* : features include Price Plan, Product Promotions, Value Added Services, Scheduling delivery slot, Sales reports, etc.

*Buy flow application* : Registering new sign ups, Comparison charts, Phone recontracts and its eligibility check, Payment mode (Nets / Visa), Sim selection

<https://smemobile.bizportal.singtel.com/mobile/index.jsf>

**Mar 2007 – Apr 2014**

***Senior Java Developer***

**Standard Chartered Bank**

<https://www.sc.com/sg/>

**AutoNav, Multi Fund Services Web portal**

**Document management in J2EE environment: Scrittura and MIS, DODS**

(Sun Solaris Unix, Weblogic, Eclipse, Core Java, Hibernate 3, Struts 2, Spring MVC Framework 3, EJB, JSF, JSP, Java Servlets, Scrittura 4.3, Sybase 15.0.3 on Unix, MS-SQL 2000, Oracle 11g, PL/SQL, Business Objects XI R2)

**Roles and Responsibilities:**

* Involved in various phases of SDLC of the application (Requirement study, design, analysis, code development till implementation)
* Developed prototype applications and implemented UIs using JSF framework JSF UI components, Validator, Events and Listeners

**Project details:**

* Independently handled the EUC project (End User Computing).
* This is an ETL project that involves data loading to make single platform to consolidate, merge and generate various regulatory reports.

**Application functionalities:**

* To produce regulatory Risk based reports, Qualitative reports, AutoNav reports, etc.
* Automation of Dashboard reports and Rules based process engine.
* OTC derivatives, DTCC, Dodd Frank, EMIR target regulatory reports.
* Tracking Workflow Queue movements
* Generation of Trade Confirmation documents using templates
* This is to validate and track various stages like pre-processing (trade file received from **Murex**), Assigning trade record to drafter, Approval by reviewer, Awaiting to dispatch, Investigating failures (Fax or Email), Awaiting to match, Signature verification, Receiving Inbound document, matching Inbound Trade with Outbound trade, etc.

***Aug 2006 – Feb 2007:***

***Senior Software Developer***

**Barclays Capital, Singapore**

<http://www.investmentbank.barclays.com/>

* Developed applications to launch new module Singapore Futures and to decommission Japan
* Developed Autosys job schedules in Unix and windows.
* Programming in Unix and Perl scripts. Programming using Oracle PL/SQL and Sybase.

***Jun 2004 - Sep 2005***

***Senior Software Developer***

**GIC: Government of Singapore Investment Corporation**

<http://www.gic.com.sg/>

**GEMS (CPR, HFI, AEP, HRCR projects):** *Database maintenance for shares and securities*

***August 2000 - Dec 2001***

***Senior Software Developer***

**Standard Chartered Bank, Singapore**

**Unit Trust Investment**

* Online e-commerce application to facilitate bank customers to invest in Mutual Fund market.

**CAPS and LAPS**

*Credit card Application Processing system & Loans Application processing system*

***January 1998 – September 1998***

***Senior Software Developer***

**Citibank Check Processing Center**

Organization: ***Cap Gemini Asia, Singapore*** *(thru Optimum)*

*Few more sample pages:*

* Android app in react-native :
* <https://github.com/vsaravanan/react-native/tree/master/AwesomeProject/screenshots>
* ios app in react-native :

<https://github.com/vsaravanan/react-native/tree/master/PropertyFinder/screenshots>

* code sandboxes :

<https://codesandbox.io/u/vsaravanan/sandboxes>

* redux-react-todolist

<https://codesandbox.io/s/4q7xovnjkw>

* redux-react-trading using react-table, reactstrap

<https://codesandbox.io/s/736q1kw3q6>

* <http://saravan-js.com:7070/production/reactjs/react-interface/>
* <http://saravan-js.com:7070/angular2prod/>
* <http://saravan-js.com:7070/javascript/rover/testrover.html>
* <https://rxjsfirst.netlify.com/dist/>
* <http://saravan-js.com:7070/production/reactjs/react-flux-angular/>
* <http://saravan-js.com:7070/angular2prod/angular2-template-form/>
* <http://saravan-js.com:7070/angular2prod/angular2-ts-udemy/>
* Angular kendo flight date range
* <https://codesandbox.io/s/mqonj6y618>
* <https://twitter.com/SaravananCodes>