**AHILA CHOKKALINGAM, Java Developer**

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**Synopsis**

A skilled java developer with proven expertise in using new tools and technical development to drive improvement throughout the entire software development life-cycle. Having extensive industry and full life cycle experience in a java based environment, along with the exceptional analytical, design and problem-solving capabilities. Excellent communication skills and able to work alongside support-teams and the java community to define and refine new functionality.Looking for a ambitious company which will challenge my developer and problem-solving skills and allow me to continue to develop my knowledge and potential.

**Core Competencies**

* Strong Java development experience.
* Ability to develop creative solutions for complex problems.
* Extensive knowledge of JDBC and relational databases.
* Excellent team worker with strong coaching and mentoring skills.
* Web development: HTML, CSS, Javascript, Angular;
* Software development: Java: J2SE, J2EE, Spring Boot
* Managed multiple projects under strict deadlines
* Interpersonal Communication skills
* Excellent Organizational abilities
* Team Leadership

**Achievements**

* Oversaw as Java Developer - More than 07 Projects individually handled and successfully completed.
* Developed multiple modules of Revenue management system application which gets and feeds data from/to multiple sources to identify clear organization revenue.
* Developed and tested the complete IIS module with 160+ web reports.
* Implemented YW file reading system to read the files generated from mainframe
* Did projects for chronic kidney disease prediction using data mining technologies
* Developed Enterprise Resource Planning software for crystal hydro pvt ltd.
* Developed automatic web content posting system for sree software solutions.
* Developed and tested mini moves mobile app for client Mobile mini

**Professional TRAININGS & Certifications**

* Undergone Training Programme on Advanced Java, Chennai, India.

**Working Experience(7 YEARS)**

**Tech Mahindra (Client: Renault):**

1. Revenue Management System

IDE: IntelliJ Idea

Technologies: Spring Boot, Angular 14, Java 17, Hibernate, Git

Database: PostgresSQL, BigQuery

* This system consists of multiple module which includes business plan preparation, price estimation and monthly payment calculation. I have worked as part of price estimation and monthly payment calculation modules.
* Worked on API creation to fetch data from DB and external Renault applications. Also worked on Front end changes which includes screen design and functionality changes.
* Worked on RV update spring batch job which fetch data from BigQuery table and feed to Postgres table.
* Worked on performance improvement areas while fetching data from multiple sources. Handled it using, thread concept (Completable Future).

1. Workstation Activity Balancing

IDE: STS

Technologies: Spring Boot, Angular 14, Java 08, Git

Database: PostgresSQL

* This system helps workers in car manufacturing unit. It provides the instructions to assemble the parts and other activities to the worker. Also it helps worker to maintain proper ergonomics to avoid any health issue.
* Worked on API to fetch instructions other Renault system and displays in UI and let user select and assign it to specific worker.

**Infosys (Client: Johnson Controls):**

1. Interactive Business System

IDE: Eclipse

Technologies: Jsp, css, javascript, tortoise svn

Database: MySQL

* Worked as a part of Interactive Business System Team. Built application for contract creation, price estimates, product approval and release functionalities for North America division contracts.
* Worked as a part of Sales force integration with CBS application. It will save created contract information from SFDC to CBS database with the corresponding validations.
* Worked with Oracle team to create DB refresh between 2 different DB (FR and GW). Did changes on GW DB scripts and tables.
* Developed YW system which will take YorkWork file (generated by mainframe systems) as input and let the user to process re-estimation and invoice generation for each YW contract.
* Developed around 160+ reports for different scenario to track complete life cycle of contracts
* Worked on Java upgrade project in IBS to upgrade the Java version

2. Action Tracker

IDE: Eclipse

Technologies: Spring Boot, Angular

Database: Oracle

* Created Rest API for Action item creation, update and delete transactions.
* Designed front end of Action Tracker application and did validations for UI fields.

**appsFreedom India pvt limited (Client: Mobile Mini):**

1. Business app

Technologies: Javascript, jquery, CSS

It is a business app which could be used only by the container driver and forklift operators, for better communication. I have implemented the push notification feature by using platform libraries. Also implemented report screen to check the number of delivery and its status.

**Aristocrat IT Solutions:**

1. Dyslexia Disease Prediction in Spark Environment

IDE: Eclipse

Technologies: java,spark and map reduce

It predicted the dyslexic children through MRI brain images. We have implemented this by training and testing methodology of machine learning, We trained multiple dyslexic affected brain images and tested it with the user provided brain images. We have used weka tool to identify the accuracy of the test result.

2. Chronic kidney disease prediction using data mining

IDE: Eclipse

Technologies: Jsp, css, javascript

Database: MySQL

It predicted the chronic disease affected patients through the trained similar symptoms.Instead if images, it will classify the disease based on user input. We have used the same training and testing of machine learning principle.

**Research Publishing Services:**

1. Website for Tencon 2016 International Conference

IDE: Sublime text

Technologies: Html, CSS, Javascript

We have developed this website by collaborating with IEEE research team for this conference. I have added the Keynote speakers, Venue and the proceeding information into the website.

**Personal Projects:**

1. Blood Donation Application

UI Design:Adobe Photoshop

Wireframe:Invision

Database Design: Rational Rose

Technologies: Spring, Java, Javascript, CSS, SQL

It contains database from different blood donars based on the location.Also it let the donars to register themselves to donate blood to others.It will help patients who needs bloods.

2. Simply Plan (Planner application)

UI Design: Adobe Photoshop

Wireframe: Invision

Technologies: Angular, JSON server

3. Billing System for Maize shop

Technologies: Java Swing, MySql

It contains party entry details screen to save the client information, view entry details screen to view client details, Lorry expense details entry and view screen, Shop bill details screen and an option to print the bill info and viewing cumulative expenses.

**Education**

* 2012 – 2016, Bachelor of Engineering in Computer Science, MRK Institute of Technology, Kattumannarkoil, Anna University with **CGPA 8.1.**
* 2011 – 2012, 12th in Venkatesa Hr. Sec. School,Kollidam with **78%.**
* 2009 – 2010, 10th in Venkatesa Hr. Sec. School,Kollidam with **93%.**

***PERSONAL DETAILS***

Date of Birth : 26th May 1995.

Gender : Female

Marital Status : Married

Nationality : Indian

Languages Known : Tamil, English.

Present Address : New Perungalathur, Chennai.

I certify that the above information furnished by me is true in all respects.

Place: Chennai

**(AHILA)**