# Vijay Prasaad Kumarasamy Thiyagarajan

## Objective

A self-motivated and highly skilled IT professional with great experience and knowledge in problem solving. Highly organized and attention to details to provide high-quality software products to enhance user experience and built trust. As a continuous learner, open to new opportunities in legacy mainframe applications with advanced technologies or full stack web development with new proficiency up skilled in boot camp.

## Get in touch!

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## Skillset

**Languages**
JavaScript, Python, TypeScript, Java (SCJP1.4), Node.js, C, COBOL, JCL, CICS, VSAM

**Front-end**
HTML5, CSS3, SASS, LESS, SASS, AJAX, jQuery, DOM Manipulation, JSON

**Frameworks**
React, Angular, Vue, Express (Web Service), Redux , React Native

**Web Service**
REST

**DataBase**
DB2, MySQL, PostgreSQL, MongoDB, Firestore, Teradata, Image, Oracle

**Schedular**
ESP, CA7

## Experience Summary

- 14+ years of experience in IBM Mainframe Senior Developer/Technical Lead in multiple projects, different business domains and geographical locations.

- Responsible in business and functional requirements gathering, creating solid Design documentation and Technical documentation in collaboration with business product owners.

- Analyze complex programs for enhancements that involves review of existing systems' configurations, operating methods and understanding evolving business needs.

- Designed and build automation tools, performance tuning, and data analysis, troubleshooting complex issues, providing resolution within service level agreement, reduced tickets thru enhancements, knowledge management and sharing in IBM mainframe.

- Hands on with varieties of tools and technologies.

- Experience in Water-fall and knowledge in Agile methodology.

- Mentoring and knowledge sharing with the team.

- Collaborate with different technology teams in providing solutions.

## Organizational Summary

**Senior Developer/ Lead - IBM Mainframe**
**Cognizant Technology Solutions | Apr 2006 - Present | 14+ years**

## Business Domains

- Banking - 8+ years
- Healthcare - 2+ years
- Retail - 1+ years
- Communication Media - 2+ years

## Languages

- English
- Telugu
- Tamil
- Spanish

**Version Controller** ~ GitHub, Endevor, ELIPS, Librarian

**Operating System** ~ Ubuntu, Windows, z/os, Unix.

**Cloud** ~ Heroku, Firebase, AWS server-less functions

**Visual Language**
Bootstrap, Material Design

**Testing Framework & Methodologies**
Jest, Cucumber, Puppet & TDD, BDD

**Tools**
Parcel, Wireframe, Postman, Create-React-App, npm. Atom, Visual Studio, Insync, Fileaid, Dumpmaster, JIRA, Remedy, Cognos Powerhouse

# Education

**CareerFoundry, Berlin, Germany**
**Full Stack Web Development | Bootcamp | 2019-2020**

**The McIntire School of Commerce, University of Virginia**
**Executive Certificate in Management Program | 2017-2018**

**Bharathiyar University,  Coimbatore, India**
**M Sc Physics | Government Arts College | 2002-2004**

**Bharathiyar University, Coimbatore, India**
**B Sc Physics | Government Arts College | 1999-2002**

# Work Experience

**Mainframe Development  Lead**
**Communication Media | Pearson | Bala Cynwyd, PA | Feb 2018-present**
- Responsible in requirement gathering from Product managers and provides estimation.
- Leads offshore and accountable on project deliverable from different application and technologies.
- Configure business rules for various exam levels using Cognos Powerhouse scripting tools.
- Develops and unit tests, collaborates and trouble shoots issues during intense acceptance testing.
- Analyzes complex programs and huge code base and enhances program without impacting existing functionalities.
- Ensures zero defect through system testing between cross technologies and applications
- Knowledge management through documentation and video recordings.
- Builds complex queries for data extraction and collaborates during migration.

**Mainframe Development & Support**
**Retail | QVC | Coimbatore, India & West Chester, PA | - Oct 2016 - Jan 2018**
- Leads an offshore team in building an automated process in a critical mainframe financial application to minimize manual intervention.
- Enhances and fixes bugs of the production issues, data analyzes as part of ticket reduction.
- Collaborates with stakeholders and prioritizes the enhancement and production issue tickets.
- Generates on demand adhoc reports using complex query on tera database.
- Builds automated process to update incorrect data in the Oracle database through a set of programs and processes to fetch the DB2 data  and update in the Oracle database by passing the data over MQ.
- Has worked in JDA inventory issues resolution.
- Collaborates with Java application team in trouble shooting complex program logic on time critical applications that involves show planning.
- Collaborates with the implementation team to deploy the build in the Java applications.
- Analyzes intricate legacy system of a super critical dynamic application that leverages the production team to  make decision and broadcast the right product at the right time.

# Work Experience (Cont...)

### Mainframe Development & Support
**Health Care | Express Scripts Inc | Chennai, India &  Franklin Lakes, NJ | Feb 2014 - Sep 2016**

- Analyzes complex program and enhances codes in critical applications like DOD.
- Enhances application and provides resolution to bugs.
- Generates report based on the business requirement through complex queries against DB2 database.
- Enhances COBOL program involving XML generation to response back to the front end Java application.
- Collaborates with Java development team and QA team during integration testing by setting up test data through legacy online applications and tools.
- Creates new formulae using the internal tool built on VB.
- Mentors and guides offshore team during technical challenges.

### Mainframe Development, QA & Support
**Banking | SallieMae  & BNYM | Chennai, India & Buenos Aires, Argentina | Jun 2006 - Dec 2013**

- Analyzes complex COBOL DB2 program for enhancements.
- Analyzes and builds new CICS screens as part of enhancements.
- Responsible to create estimation and delivers the enhanced programs on time.
- Understands the business requirements and creates the design document.
- Prepares unit cases, setup test data and performs unit testing.
- Runs the code against code coverage tools build on REXX to ensure 100% code coverage.
- Collaborates with QA team during integration testing and assists in test data setup.
- Prepares adhoc programs to generate report or to make the data modification.
- Automates adhoc process through new set of programs and on demand schedule jobs.
- Analyzes complex programs, assimilates and builds one single reusable program.
- Optimizes the COBOL and/or DB2 queries in order to make the jobs to complete their run on time to meet the SLA.
- As QA person for a while, does test data setup and performs manual testing for all the scenarios and logs defects in JIRA.

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