

Padhu Ramalingam

Full-stack hands-on architect

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Experience

Senior Developer **Citi Group**

Nov 2016 – Ongoing Jacksonville, FL

- Building Java microservices based system on OpenShift container platform to migrate monolithic ASP/MVC .Net web application.
- Implementing archival of relational database using Hive & HDFS Big Data tools from Solix.

Software Engineer **Mobile Mini**

Nov 2015 – Nov 2016 Phoenix, AZ

- Replaced big offshore development team with a small onsite team, after creating reliable & accurate quotes and contracts in Salesforce / SAP, incorporating advanced system design using Spring Boot, AngularJS stack.

Senior Developer **Citizens Property Insurance**

Sep 2014 – Nov 2015 Jacksonville, FL

- Java Portal platform development integrating subscriber, legal, marketing and operations department systems.

Senior Developer **Black Knight Financial Services**

Mar 2013 – Sep 2014 Jacksonville, FL

- Established new technology stack of EJB 3/ JAX-WS / DBUnit to migrate legacy systems with proprietary frameworks and to build data centric applications.

Senior Developer **Sanare LLC**

Feb 2012 – Feb 2013 Miramar, FL

- Engineering management to transition development of company's Liferay Java portal system from offshore vendor to in-house.

Web System Architect **FSV Payment Systems**

Sep 2007 – Sep 2011 Jacksonville, FL

- Engineering management of developing self-service portal for credit card processing system using Liferay / Spring Portlet MVC / IBatis and C++ back-end services.

Programmer Analyst **American Computer Technologies**

Feb 1995 – July 2007 Jacksonville, FL

- Worked at **Blue Cross and Blue Shield of Florida** for insurance web enrollment, **Vistakon** for industrial automation and **CSX Technologies** for Locomotive management system UI.

Objective

Seeking challenging IT leadership role.

Achievements



Rescued

'Configure Price Close' order processing system successfully, joining near to release date at Mobile Mini.



Solved

random DB connection failures in a web application that prevented security fixes at Citi.



Transformed

clunky websites with modern portal system for prepaid cards services that gained new customers and accelerated growth at FSV Payment Systems.



Utilized

limited resources available to create advanced hardware and software products that generated huge revenue and saved cost at several engagements.

Strengths

Hard-worker

Innovative

Quick learner & mentor

OOP

Design Patterns

Functional Programming

Full stack

DevOps

Event Driven Systems

Machine Learning

Skills

Design / Programming

DevOps

Project Management



Education

B.Eng. Electronics **Govt College of Technology**

1992

Coimbatore, India

Technology Stacks

- Spring Boot/JPA/[Oracle, SQL Server, MongoDB]/[Angular, React]/Bootstrap
- Spring MVC/SalesForce/SAP/AngularJS/Bootstrap
- Liferay/Spring Portlet MVC/[JDBC, IBatis]/[YUI, JQuery]/JSP/Bootstrap
- WebSphere/DB2/EJB/MQ/[Struts, GWT]
- IIS/SQL Server/[ASP, MVC] .Net framework/C# /AngularJS
- DL4J/Play/ScalaJS
- FS2/HTTP4S
- **Service Integration:** REST, SOAP, Socket, SAP, Salesforce, Experian, USPS
- **Data Analysis:** R, Python, Spark, Keras
- **DevOps:** Maven, Gitolite, Git, SVN, Jenkins, OpenShift, PCF, VirtualBox
- **Container / Data Pipeline:** MiniShift, Spark, Kafka Streams, Spring Boot, MySql

Certifications

- Functional Programming in Scala Specialization - *Coursera*
- Analytics Edge - *MIT-EDX*
- Deep Learning Specialization - *Coursera*
- Machine Learning - *Coursera*

Presentations

- Getting started with FS2 Functional Streams for Scala.
- Building Artificial intelligence applications in Java.
- Data Science for Developers.
- Testing database driven applications with DbUnit.
- Introduction to Elastic Search.
- Java portal development with Liferay.

Slides

- 🔗 FS2 Getting Started
- 🔗 Data Science for Developers
- 🔗 Building AI Applications in Java

Live Demos

- 🔗 Word similarity
 - 🔗 Handwritten digit recognizer
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