

Ramya Balachandran
Software Development Expert
Oracle Certified Professional, JAVA SE6 Programmer
UC Berkley Certified Data Science with Python
AWS Developer Associate

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Profile:

- Overall, 20 years of software application development, Maintenance & enhancement experience with full project life cycle and complete Software Development Life Cycle (SDLC).
- Extensive Knowledge in requirement gathering, analysis, core application design, development, implementation, testing, integration, deployment, documentation and maintenance of applications.
- Experience working in the Legacy Application domain of Human Resource, Purchasing, Receiving, Inventory control, Financial, Insurance and Banking.
- Extensive hands-on experience on Human Resource application for State government of Maryland Child Support Enforcement System.
- Development experience with different technologies including .NET, Java, Python, C++, COBOL, XML, HTML and various databases like Oracle, MS SQL server and DB2.
- Experience working on the project built using the Agile Methodology. Involved in the estimate planning, design discussions and scrum methodology for the project.
- Developed programs which deal with MQ's. Experience working on developing DB2 Stored Procedures, online CICS tools and Data Security.

Technical Competencies:

Operating systems:	OS/390, Z/OS, Windows, Unix, Linux
Hardware:	IBM Mainframe S390, Windows
Software products:	MVS, VS COBOL-II, IBM MQ Series, SQL, JCL, REXX, CICS, CA-7, TSO / ISPF, IBM Utilities, IBM Datacap
Database:	DB2 12, MS SQL Server, Oracle
Tools / Technologies	VSAM, ISPF, IDCAMS, QMF, SPUFI, File Manager, Endeavor, SYNCSORT, IBM File Aid, Xpeditor, CA InterTest, Control M, CA-7, IBM File Manager, IBM Fault Analyzer, IBM Debug Tool, PVCS, AR Systems, Audit Solicitation Tool, SQA Auto Regression Tool, Auto Terrorism Tool, Eclipse, Visual Studio, DB2 Connect, CICS Webservices
Domain Expertise	Human Resource, Purchasing, receiving, Inventory control, Financial, Insurance and Banking Applications
Languages	Java, J2EE (Servlets, JSP, JDBC, SOAP, Web Services), Python, Struts, Spring, HTML, XML, JavaScript, VBscript, SQL, COBOL, JCL, CICS, PL1, C++, VB, VB.NET.

Education:

- **M.S** Software systems (BITS Pilani – 2008),
- **Bachelor of Engineering** in Computer Science (University of Madras 2003)

Certifications:

- AWS Developer Associate
- Oracle Certified Professional, Java SE 6 Programmer
- Oracle Certified Associate in Java SE 5/ SE 6
- University of California, Berkeley certified in Data8.1x: Foundations of Data Science: Computational Thinking with Python
- IBM Certified Database Associate
- Brainbench Certification in RDBMS Concepts, COBOL II, CICIS and JCL
- Brainbench Certification in Internet Concepts
- Certified in Insurance Property and Liability Principles – INS21 from American Institute for CPCU (AICPCU)
- Certified in Financial Markets – NCFM from National Stock Exchange of India Ltd (NSE)
- Project Management Professional (PMP) in good standing for 13 years

Employment Summary:

Deloitte Consulting LLP USA, Senior Solution Engineer May 2012 to June 2025 (13+Years)

Project: Integrated Eligibility System (IES) – State of Illinois

Sep 2023 – Jun 2025

The project IL IES Project is an Integrated Eligibility solution for state of Illinois. It has the implementation of programs like SNAP, TANF and Medical benefits.

Role: Senior Java Developer. Developed programs in J2EE, EJB, JSP, Servlets, Struts, SQL.

Project: HHSC IAM Modernization – State of Texas

Dec 2021 – Aug 2023

The IAM Modernization project is the modernization of the Identity and Access Management system for the Health and Human Services department of the State of Texas.

Role: Senior Java Developer. Developed J2EE applications using J2EE, EJB, Servlets, JSP, JMS, JDBC, Oracle, XML, CSS.

Project: HHSC Hyland OnBase – State of Texas

May 2021 – Nov 2021

The Hyland OnBase project was implemented for the Health and Human Services department of the State of Texas.

Role: Senior Java Developer. Developed applications using Java, J2EE, EJB, Javascript, Applets, Spring, JSF, HTML, CSS, SQL.

Project: IBM Datacap project – State of Texas, Department of Insurance (TDI) Jan 2021 – Apr 2021

The IBM Datacap project was done for the Department of Insurance for the State of Texas and was implemented using IBM Datacap.

Role: Senior Java Developer. Developed Java applications using Java, J2EE, EJB, Struts, Servlets, JSP, XML, Oracle.

**Project: Financial Management Information System – Maryland Department of Transportation
April 2011 – Dec 2020**

The Financial Management Information System (FMIS) of the Maryland's Department of Transportation has Relational Standard Accounting and Reporting System (R*STARS) and the Advanced Purchasing and Inventory Control System (ADPICS).

Role: Senior Mainframe Developer and SME in the project Analyzing, Designing, Coding, Testing and Migrating the problem requests following all aspects of SDLC. Prepared Technical Design Specifications. Developed interfaces for new enhancements like MAXIMO FMIS integration. Produced Federal Aid Billing reports and developed programs for the same.

Primesoft Inc, USA Sr. Software Developer, Oct'2009 to Dec' 2010

Project: Child Support Enforcement System (CSES) – State of Maryland Oct 2009 – Dec 2010

The Child Support Enforcement System (CSES) component of the DHRIS is an automated system used for establishing, enforcing and tracking in-state and interstate child support cases, recording case child support financial activity, and for generating data for federal reporting.

Role: Senior Java developer. Developed programs as enhancements to the current system. Developed J2EE applications using Java, EJB, J2EE, HTML, CSS, JSF, JavaScript, Applets and DB2.

Oracle Financial Services,India. Development Lead India 04.2008 to 09'2008

Project: Eurobank Apr 2008 – Sep 2008

The scope of this project is to undertake the development of enhancements to the following applications of Eurobank which are Credit cards and Loans.

Role: Senior Java developer. Developed applications using J2EE, EJB, Servlets, JSP, JMS, JDBC, Oracle, XML, CSS.

ITC Infotech, India Development lead , Jun 2007 to March 2008

Project: Safe Deposit Jun 2007 – Mar 2008

Safe Deposit is the project done for migrating the existing components from various legacy and other platforms to PL1 and COBOL code so that the Danske Bank can utilize the procedures and tools present in their banking systems.

Role: Senior Mainframe Developer performed estimation for the migration of the components from COBOL to PL1. Performed Analysis, Design, Code and Review of the components in PL1 and COBOL.

Tata Consultancy Services India. November 2003 – February 2007

Project: AIWCS – Client AIG

May 2006 – May 2007

AIWCS is the underwriting system used in AIG to book the workers compensation policies.

Role: Worked as a Senior Mainframe Developer. Prepared Functional Specifications Document (FSD), High Level Design Document (HLD) and Low-level Design Document (LLD). Code review and testing of project work items.

Project: AIMA eMarine Interface - Client AIG

July 2005 – Apr 2006

American International Marine Agency ("AIMA") is an underwriting application for Marine Cargo, Hull and Liability policies. The purpose of this project is to develop an online process through which, the aforesaid data from eMARINE is brought into AIMA database.

Role: Mainframe Development Lead

Project: AIWCS AND EZAUDIT – Client AIG

May 2004 – Jun 2005

AIWCS is the underwriting system used in AIG to book the workers compensation policies.

Role: Mainframe Development Lead.

Project: IRS PLCS – Client AIG

Feb 2004 – Apr 2004

The AI Recovery's existing Integrated Recovery System (IRS) was made to interface the Personal Lines Claim System (PLCS).

Role: Mainframe Developer.

Personal Details:

Mobility: With in USA, EAD Valid Until June 2030 (attached with Approved GC)

Citizenship: India