

Uma Arunadevi

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Career Summary

Visionary and goal-oriented executive with 8+ years of experience in Teaching and in Oracle Product Lifecycle Management Configuration, Java, Mainframes and Python development and Production support. Ability to handle a team while working on multiple deliveries simultaneously.

Work Experience

Assistant Professor

Jun 2021 – Till date

Swarnandhra College of Engineering and Technology

Working as an Assistant Professor in Department of Information and Technology with experience as dynamic and multifaceted, requiring a balance of teaching excellence, scholarly productivity, and institutional service to succeed in academia and contribute meaningfully to the academic community.

IEEE Member for Information Theory Society student Chapter and

WIE- Women in Engineering member.

Free Lancer

Python Developer

Sep 2018 – Feb 2021

Worked for courier company.

Project is part of tracking the parcel updates.

Project provides the visibility of important individual Parcel Shipment statuses to the Customer through company Interfaces which will be able to take necessary actions (e-mails, alerts, and exception management) based on critical Events. Reports are also created to monitor the provided data ensuring that the parcel data is compliant (e.g. consistent, accurate, and timely). The reporting abilities will be able to gauge the quality of service (e.g. Transit Time) for customer deliveries.

- Ability to organize information from formatted text (CSV) files, and populate MongoDB collections with such structured information.
- Ability to aggregate data periodically, and generate daily reports (with display) based on date ranges Range queries Working with Date data type.
- Advanced knowledge on Python libraries and DB2.
- Responsible for initiation, design, and overall implementation of the project
- Proficiency in working with databases like DB2, My SQL and MongoDB.
- Understanding the requirements of client.



Key Features

- 8+ Years of development and production implementation leadership.
- International work experience Asia and USA
- Specialized in multiple Technologies

Areas Of Expertise

- PLM Process
- Program management
- Mainframe
- Java
- New Product Introduction
- Integration & Deployment
- System Analysis
- Design system specifications
- Interpersonal Skills
- Problem solving
- Conflict resolution
- Building relationships
- Reporting Skills
- Team Management
- Leadership

Professional Skills

- Project Management
- Ability to work and influence cross functionally
- Effectively communicate both to Team and Leadership
- Attitude of doing the right thing for the company.
- Empower while creating accountability of the team.

Certifications

- Sun Java
- Satyam QMS

Key Projects

- Implementation of new ERP interface, Product lifecycle, Performance assessment, Production support – **Apple Inc.**
- Upgrade & Quality Assurance – **Apple Inc.**
- PLM and Product dot releases – **Apple Inc.**
- Agile Production Support & Maintenance, Implementation & Upgrade, Agile Quality Analysis & Testing, PLM Customization – **Apple Inc.**
- PLM Upgrade and Customization – **Hitachi**

Technical Skills & Methodology

Programming Skills	SQL, Java, Python, Cobol, JCL, CSS
IDE / Build Tools	Eclipse, Visual Studio and Maven
Databases	DB2, MYSQL and MongoDB(limited knowledge)
Code Version Control Tools	GitHub, Bitbucket, and Endevor

Apple Inc.
Cupertino, CA, USA
PLM QA Consultant

Mar 2011 - Sep 2011

Apple Inc., a product-oriented company, configured and customized the Agile PLM tool as per their needs, which was integrated with several downstream applications. This project was carried out at the client location to ensure better understanding and productivity as it involved lot of interactions with the customer.

Configuration Analyst and QA Lead for several integration projects.

- Instrumental in defining, development and testing integration projects such as Oracle product life cycle management, SAP
- Responsible for initiation, design, and overall implementation of the project
- Partnered with business to establish baseline and identify problem areas
- Proficiency in working with databases like DB2, My SQL and MongoDB.
- Facilitate team meetings among various IT and business groups for successful project implementation and closure
- Provide support on daily basis to PDM team on various issues, uploaded in Apple Radar bug tracking tool.
- Managed business needs, stakeholder relationships, communication, propose solutions accordance with quality management, track, solution deployment, and influence decision-making and change management
- Lead different phases of product lifecycle, which includes System requirement specification, design, System integration testing and User training
- Test data Creation. Writing test cases for the test scenarios.
- Validation of Hot fixes, Oracle SR's and related Bug IDs.

Tech Mahindra - Bangalore, India
Client –Apple Inc., CA, USA

Apr 2009 - Feb 2011

Apple Inc., a product-oriented company, configured and customized the Agile PLM tool as per their needs, which was integrated with several downstream applications. This project was carried out at the client location to ensure better understanding and productivity as it involved lot of interactions with the customer.

Contribution

- Understanding the requirements of client.
- Analyzing the Configuration Logs
- Creating New Classes, Workflows
- Experienced in Front end and backend, SpringBoot, bootstrap, HTML and CSS
- Experience in IDE tool Visual Studio/ Eclipse

Tools & Utilities	Rexx, Easytrive, Filemanager, Xpeditior, MS Office Tools, Remdy, JIRA and IBM Tools
Methodologies	Agile, Micro Service Architecture (limited Knowledge), Test Driven Development and Waterfall
Data-Communication channels	ESB, FTP, EDI, Lift and MQ

Professional Trainings

- Time Management
- Effective Communication
- Agile Methodologies
- Effective Presentation
- Exercising Influence
- Ethical Management
- Risk and Issue management
- PD and PDH - Oracle

Education

Master of Technology - Information Technology

Jawaharlal Nehru Technological University, Kakinada, India
 July 2015 – 2017

Bachelor of Technology – Computer Science and Engineering

Aditya Institute of Technology and Management, Tekkali, Srikakulam Dist., Andhra Pradesh, India.
 Sep 2003 – May 2007

Completed Advanced Certification in Software Engineering for Cloud, Blockchain & IoT from IIT Madras in association with Great Lakes.
 2021-2022.

Projects worked on Python Programming Language.

[Academic ePortfolio \(mygreatlearning.com\)](https://mygreatlearning.com)

- Experience working with various SDLC methodologies based on Agile/SCRUM
- Advanced knowledge on Cobol, JCL, DB2, VSAM, CICS, Mainframe Utilities, Data transfers thru Lift/FTP/EDI
- Have knowledge on git, bitbucket, jira, endeavor
- Mapping Roles and Privileges with specified Criteria
- Configuring specified Roles and Privileges to Users and Process Extensions
- Preparing the Test Report for Configuration.
- Test data Creation
- Full System Testing and Isolated Testing for Performance Testing
- Active participation in workshop to identify requirements, validate current design and configuration and provide solutions.
- Provided project status reviews to process owners and customers
- Evaluated functionally and led the effort to develop strategies

Tech Mahindra - Bangalore, India

Client –Apple Inc., CA, USA

Oct 2008 - Mar 2009

The Client upgraded from Agile 9225 to agile 9.3.1.1. The upgrade process involved the database upgrade with Web Logic; post upgrade configurations, Mapping and re-writing of custom applications using JSP and Agile SDK. Some of the Mapping was done using SDK. The Custom Applications were written for Report Generation and BOM Extraction.

Contribution

- Knowledge on Cobol, JCL, DB2, VSAM, CICS, Mainframe Utilities and java
- Coding (involves Application development, SQL quires, DB2 and VSAM, Jobs and Procs for executing programs)
- Test data Creation
- Validation of Hot fixes, Oracle SR's and related Bug IDs.
- Writing test cases for the test scenarios.
- Testing – Functional testing, Unit testing, System and Integration testing and issues uploaded in Apple Radar bug tracking tool.
- Performing Load Testing on all the Modules.
- Full System Testing and Isolated Testing for Performance Testing
- Maintaining the documents.
- Interaction with Developers to follow up on Defects and Issues followed by the Defect Life Cycle.
- Worked in an onsite – offshore model.

Previous Experience:

Jun 2008 - Aug 2007

Tech Mahindra, India: Jun 2008 – Sep 2008

Client – Apple Inc. - Production Support, Maintenance & QA Testing

Tech Mahindra, India: Jan 2008 – May 2008

Client – Hitachi – PLM Upgrade and Customization

ELTP Training: Aug 2007 – Dec 2007