

ADITYA CHAMOLI

SENIOR SOFTWARE DEVELOPER

Contact Info



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Technical Skills

- **Languages**
C, UNIX, JAVA/J2EE, JSP, PHP, Powershell, HTML, CSS, Web services, Python, GSOAP, Pro*C, SQL
- **Development Tools/Technologies**
Data Science & Machine Learning (Anaconda, Jupyter, Requests, Numpy, Matplotlib, Scikit learn, Pandas, PySpark, gRPC), Eclipse, Net IntelliJ Idea (JetBrains), OpenSSL
- **Databases**
Oracle, MySQL Server, DB2 (Basic), MongoDB (Basic)
- **Version Control**
Perforce, GIT, SVN, CVS, RCS, Fossil
- **Build Tool**
ANT, Maven, Make, PowerGen, Serena Changeman
- **Application/Web Servers**
Apache Tomcat, Weblogic Server, Apache Web Server, Sysam Server, HP License server, OSB (Basic)
- **Automation Tools**
Jenkins/Hudson, Ayehu EYeshare, Puppet (Basic), Docker
- **Operating Systems**
Solaris 5.10, Linux Red Hat 6.5 and above, Microsoft Windows 2000/XP/7, Microsoft Server 2008 R2
- **Testing Tools**
HP UFT, HP ALM
- **Amdocs Tools**
MyTc, CopyBan, AMC, ARMT, Feasibility Portal, Genesis, Production Monitor, HotFix Tool

Summary

Passionate Developer with 6 years of experience in Amdocs Ensemble Product. Developed Elixir Code Generation Tool applicable on all Amdocs Ensemble accounts which reduces developers coding time by 50-70%. Specialized in API driven solutions with Microservices, Tuxedo Services.

Product Created

Elixir - A code generator tool which helps developer to generate telecom services within few clicks. Elixir has a capability to reduce developers 50-70 % work. Hence creates Customer satisfaction and takes lesser time to market.

Applicability : Amdocs Ensemble Projects

Tools/Languages : Powershell, SQL, Html, Ajax, JavaScript, PSCP, PLINK, dos2unix, Advance Installer, fossil.

- Generates GDD files (DDL operation), Data layers (DML operation) having complete C and Pro*C code.
- Generates Macro's such as Initialize, Print and Treat Null for service and batch jobs as per the inputs provided.
- Write services such as EAI, API, Tuxedo, Mass.
- Facilitate Windows to Unix Encoding and files transfer after files creation.
- Helps in creating DBI's for Reference, Operational, Audit systems and find exe's that needs to be delivered with in a patch by taking function input.
- Maintains the checklist for all the documentations involved during software lifecycle.

Experience

Amdocs Ensemble Development, Amdocs

Oct 2015 – Till now

- Development of python based web-services.
- Learning and Implementing Data science and Machine Learning which involves experience with Requests, Numpy, Matplotlib, Scikit learn and Pandas python libraries during development lifecycle.
- Involved in Unit testing of the code using PyTest.
- Development of Soap and Restful Webservices in C based Systems using GSOAP.
- Implementing Tuxedo services and batch jobs in C based systems.
- Mentoring other software engineering staff.
- Preparation of Detail design documents for the software changes.
- Plan, coordinate and conduct multiple complex software engineering activities.
- Devise new approaches, apply existing criteria in new ways and draw conclusions from comparative situations.

Awards/Recognition

- Best Performer
- ASSC Award
- Excellence Award
- Best Idea (CI & CD)
- Innovator Award

Certifications/Learnings

- [MongoDB](#)
- [Big Data With Apache Spark](#)
- [Scalable Machine Learning](#)
- [Introduction to Linux](#)
- [Machine Learning](#)
- [Python](#)
- [Data Science](#)

Education

- **Bachelor of Technology**
Graphic Era University
Dehradun, Uttarakhand
2009-13 | Degree: 79.0%
- **12th Std**
St. Mary's Convent School
Dhampur, Uttar Pradesh
2008-09 | Degree: 77.0%
- **10th Std**
Sarang Convent School
Seohara, Uttar Pradesh
2006-07 | Degree: 75.0%

Languages

- English
- Hindi

Interest

- Listen to Music
- Playing Drums
- Travelling
- Listening Espionage Stories

Tools Development, Amdocs

Mar 2015 - Feb 2016, Jun 2019- Jul 2019

- Created CopyBan Self Service GUI for DB Extract which imports data from Production to ST env by scrambling sensitive data.
- Created Web App "Kabala" – keeps tracks of employee fun activities, events and contributions.
- Upgraded and setup the ARMT and Feasibility portal which keeps track of the Change request activity, milestone and % covered. Resolved issues in MyTc software.
- Created sophisticated, imaginative and efficient solutions to ease the work of Testers, Release Managers, DBA's, PMO's.
- Developed high-quality code, established development standards and led by example
- Designed reusable components by utilizing various standard frameworks
- Evaluated requirements and initial mock-ups; made technology recommendations that supported optimal construction, maintenance and performance

DevOps Engineer, Integration Engineer, Amdocs

Feb 2014 - Aug 2015

- Setup Continuous Integration for more than 20 Non Amdocs applications with the help of Jenkins, CVS, Ant, Make and Expect.
- Created 3 version architecture (Prod /Test/Dev) and set up sync between them by using python scripting and CVS as a source control system.
- Replaced the Serena Changeman (source control) with Perforce and setup new build servers using Powershell scripts and Python/shell scripts. Tools involved are Perforce, PowerBuilder, PowerGen, Jenkins, Sybase Sysam Server.
- Led the migration from Solaris server to Linux server by upgrading the tools used for the application. Weblogic 12c, Apache Tomcat and Web server, ant, openssl are the main tools.
- Upgrade and Modify the application code in order to facilitate the new OpenSSL version for better communication with Scufa Software.
- Setup new Citrix servers and advanced softwares. Key softwares are HP ALM, HP UFT, PowerBuilder, Abinitio, Serena Changeman, etc.
- Successfully carried out more than 10 Production releases for Vodafone Romania and also automated the processes according to customer requirements. Key components are CRM, OMS, OPX, LMS having Weblogic, Apache Web Server and Tomcat as Deployer.
- Setup 7 new build servers for Vodafone UK which mainly focus on Ensemble, Enabler, API builds.
- Setup Continuous Integration for Vodafone Netherlands Mosa Division having Jenkins as a build tool and SVN as repository.
- Successfully applied self-service CopyBan GUI tool in Net Brazil, TEF Argentina and Chile, PCS Indonesia.