

# ADITYA CHAMOLI

## SENIOR SOFTWARE DEVELOPER

### Contact Info



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### Technical Skills

- **Languages**

C, UNIX, JAVA/J2EE, JSP, PHP, C#, 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 Changelogman

- **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, SoapUI, Postman

- **Amdocs Tools**

MyTc, CopyBan, AMC, ARMT, Feasibility Portal, Genesis, Production Monitor, HotFix Tool

### Summary

Passionate Developer with 7 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

Dec 2016 – Till now

- Mentoring other software engineering staff and Participate in mandated engineering reviews
- Preparation of Detail design documents for the software changes and involved in solving various Prod, PIT and various Testing issues.
- Plan, coordinate and conduct multiple complex software engineering activities and Participate in continuous improvement initiatives.
- Devise new approaches, apply existing criteria in new ways and draw conclusions from comparative situations.
- Make recommendations on the assessment of tools and software products
- Learned and Developed RESTful Web Services on Dotnet Technology and prepare Test Suite using Postman.
- Learned and Developed Web Services on C based Systems using gSoap utility and prepare Test Suite using SoapUI.
- Developed Tuxedo services to check customers data on calling time so that voice quality can be increased for the customer who are hard of hearing.
- Replaced legacy credit check system with Micro service based architecture.
- Modified the existing API's in order to coordinate with new CRM.

## 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

- Implemented Tolerant Match in place of Fuzzy Double systems for Address verification.
- Developed various application for the ESIM project
- Implemented Double Check System for the validation of customer data and ID card scans for new Debit customers
- Implemented One Check Credit system by replacing legacy credit check system.
- Modified the existing Mobile Number Portability System.
- Implemented GDPR Security settings in the system
- Implemented various EAI services for contract summary request, get letter request, get subscriber info, etc.

## 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 - Dec 2016

- 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.