

**SUMAN AMPAGOWNI**

**Email: [suman24485@yahoo.com](mailto:suman24485@yahoo.com)  
Mobile: +61 420769108  
Melbourne, Australia  
Permanent Resident**

### **CAREER SUMMARY**

Experienced Build and Release Engineer/DevOps(CI/CD) Engineer, with more than 11 Years of experience in delivering, qualified, time-bound solutions through refined design and coding skills. Enthusiastic professional with proven ability to identify, analyse, and solve problems encountered during various phases of Software Development Life Cycle.

### **TECHNICAL SKILLS**

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|----------------------------|--|
| • Scripting                | UNIX Shell Scripting, Perl, PL/SQL, Python                       |
| • Programming Languages    | Java, C, C++.  |
| • Web/Application Servers  | Apache Tomcat, IBM WebSphere.                                    |
| • Databases                | PostgreSQL, MySQL, Oracle, DB2, Informix, Sybase, Teradata.      |
| • Build Tools              | Maven, Ant and GNU make/gmake.                                   |
| • Source Control           | GIT, SubVersion, ClearCase, CVS.                                 |
| • Agile Tools              | IBM Rational Team Concert (RTC).                                 |
| • CI tools                 | Jenkins, CruiseControl, Bamboo.                                  |
| • Configuration Management | Puppet, Ansible, Chef.   |
| • Containerisation         | Docker, Kubernetes   |
| • Monitoring Tools         | Nagios.  |
| • Virtualisation Tools     | VMWare, Virtual Box.   |
| • Operating Systems        | AIX, Solaris, RHE Linux, HP-Itanium, CentOS, Ubuntu and Windows. |

### **ACHIEVEMENTS at IBM**

- Winner of IBM Bravo Award for my outstanding work in maintenance of Build and Release team for multiple releases.
- CE Top Star for successfully implementing Build Verification Test setup for IBM InfoSphereDataStage.

### **CERTIFICATIONS**

- ITIL® Foundation Certificate in IT Service Management
- AWS Certified Cloud Practitioner

### **PROFESSIONAL SUMMARY**

#### **Tech Mahindra(Hyderabad)**

**October 2017 - Present**

Client: Telia, Denmark  
Designation: DevOps Lead  
Products: IBM BPM (Business Process Manager)  
Technologies: Jenkins, Bamboo, Git, BitBucket, Jira, Python, Django framework, Shell Scripting, Maven, Apache Tomcat, Java, SQL.

- Perform DevOps for Linux platforms.
- Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
- Working closely with Architecture, Development, Test and IT Services teams.
- Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Maven, Python and Bash.
- Developed in Python the HTTP protocols and devops - the automation of infrastructure and deployment.
- Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools.
- Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments.
- Setting up and introducing Continuous Deployment processes and advising on best practice
- Monitored developed applications and fixed bugs.
- Manage the standardisation of tools and processes used to achieve DevOps.
- Developed policies, standards, guidelines, governance and related guidance for both CI/CD operations and for work of developers.
- Train and support developers on source control, through build automation, merge resolution, CI, test automation, deployment based on tools usage and policies, standards.
- Enable DevOps by moving code from Dev/ Test to Staging and Production. Troubleshoot issues along the CI/CD pipeline.
- Administering Jenkins, proposing and implementing branching strategy suitable for agile/scrum, Development in a Fast Paced Engineering Environment.
- Improved application integration methods, emphasising better utilisation of configuration management tools to simplify procedures, promote uniformity, reduce errors and time required to deploy new applications.
- Design and implement continuous deployment pipeline to demonstrate design-to-deployment lifecycle resource reduction for dramatic time and cost savings, and deployment to internal host from single set of tools.
- Build custom tools for reporting, troubleshooting, security audits, and automation of miscellaneous maintenance tasks.
- Developing automated process for builds and deployments; Jenkins, Ant, Maven, Shell Script, Java and Python.
- Provide suitable Solutions and strategies for various SCM Projects with project setup and resolving individual user issues.

**IBM India Software Lab(Hyderabad)****October 2014 – December 2016**

Designation: DevOps Lead  
Products: IBM InfoSphereDataStage  
Technologies: Jenkins, Apache Tomcat, Docker, Puppet, Nagios, GNUMake, Git, GitHub, Shell Scripting, Ant, Maven, Java.  
Virtualisation Tools: VMWare,VirtualBox.  
Process: Continuous Integration, Continuous Delivery and Continuous Deployment.

Responsibilities

- Implemented CI/CD pipeline using Jenkins on Windows and UNIX/Linux platforms.
- Worked on migration of IBM InfoSphere DataStage components source code from ClearCase to Git.
- Effective communication between internal build, development and testing teams implementing DevOps culture.
- Automated CI process using web hooks.
- Configuration Management using Puppet.
- Knowledge about PostgreSQL and MySQL administration.
- Knowledge about virtualisation, containers and dockers.
- Knowledge about Jenkins, Docker and Puppet DSLs.
- Installing and configuring Continuous Monitoring tool Nagios.

**IBM India Software Lab(Hyderabad)****June 2013 – October 2014**

Designation: Senior Build and Release Engineer  
Products: IBM InfoSphereDataStage, IBM InfoSphere SAP BW Pack, IBM InfoSphere SAP R3 Pack  
Technologies: ClearCase, GNUMake, Shell Scripting, Perl, Ant, InstallShieldMultiPlatform, Maven, IBM Rational Team Concert, Java.  
Process: DevOps - Continuous Integration and Continuous Delivery

Responsibilities

- Maintenance of source code and build setup for the IBM InfoSphere SAP BW, R3 components.
- Creation and Maintenance of Java Build Engines and Build Definitions on IBM RTC in process of automation of the InfoSphere SAP builds.
- Troubleshoot build and installation related issues, and resolve them through debugging.
- Mentor peers and new hires on the products.
- Maintenance of source code, build machines and releases of DataStage Connectivity components for release versions 10.0, 11.3, 11.5 and their fixpack releases.
- Building and creating customer patch packages for maintenance fixes for all the IBM InfoSphereDataStage components for releases 10.0, 11.3, 11.5.

**IBM India Software Lab(Hyderabad)****January 2009 – May 2013**

Designation: Build and Release Engineer  
Products: IBM InfoSphereDataStage and IBM InfoSphere FastTrack  
Technologies: ClearCase, SubVersion, GNUMake, Shell Scripting, Perl, Ant, Maven, CruiseControl, Java, Databases, SQL, Batch Programming

Responsibilities

- Setting up of Build Verification Tests on Windows and on all supported UNIX platforms to reduce the turnaround time on any performance or runtime issues.
- Lead a team of three to implement Build Verification Test (CI/CD process) project for the IBM DataStage.
- Installed and Configured the databases DB2, Informix, Sybase, Teradata and Oracle on BVT machines of different OS – Windows, AIX, Linux, Solaris and Zlinux, which are required for the unit tests.
- Setting up and Maintenance of build environment with SVN source code, Maven build tool and CruiseControl CI tool.
- Experience writing Maven POM files.
- Troubleshoot build and installation related issues, and resolve them through debugging.
- Maintenance of source code, build machines and releases of DataStage Connectivity components for release versions 8.1, 8.5, 8.7, 9.1 and their fixpack releases.
- Building and creating customer patch packages for maintenance fixes for all the IBM InfoSphereDataStage components for releases 8.1, 8.5, 8.7, 9.1.

**IBM India Software Lab(Hyderabad)****January 2007 – December 2008**

Designation: Build and Release Engineer  
Products: IBM InfoSphereDataStage  
Technologies: ClearCase, CVS, GNUMake, Shell Scripting, Perl, Ant

### Responsibilities

- Maintenance of Source code, build machines and releases of DataStage Connectivity and ASB Packs for release versions 7.5.3, 8.0.0, 8.0.1 and their fixpacks.
- Written SCI wrappers for Clearcase's cleartool command for managing the source code.
- Maintenance of CVS source code built with GNUmake build tool and Shell scripts.
- Setting up of build with Clearcase as SCM tool, GNUmake as Build tool and Shell scripts.
- Written Perl script as part of extracting the messages from a resource file.
- Building and creating customer patch packages for maintenance fixes for all the supported releases and platforms.
- Experience writing Ant build files.

### **EDUCATION**

- Jawaharlal Nehru Technological University  
Bachelor of Technology in Electronics and Communications with a percentage of 72.6%
- Can Junior College, Tirupati  
10+2 in Maths, Physics and Chemistry with a percentage of 90.2%
- Little Angels High School, Tirupati  
Secondary School Education with a percentage of 81.3%