**Koley**

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# Experience Summary

To obtain a challenging position in the Information Technology Industry where I can harness and hone my skills in association with a progressive firm which provides a good working environment and offers Professional growth, while being resourceful, innovative and flexible. 5 years of experience in software design, development, application support, DEVOPS Engineering and configuration.

**Strong working experience in Unix Shell Scripting, Linux Environment ,Perl (basics), Devops Tools with environment of Product Development, Change Management, Process Engineering, Application Packaging.**

# Key Skills

* 5 **years** of experience as **Infrastructure Specialist** worked in **Scripting** languages and DEVOPS environment.
* Around 2 **years** of experience as **Devops Engineer** in the field of **Application Support** using different Devops tools and **Agile** processes.
* Over **3 years** of experience in Unix Shell Scripting , AWK **scripting** ,perl (basics), Oracle SQL ,PL/SQL
* Experience in **Continuous** Integration, Installation**,** Configuration**, Continuous** Deploymentandmanagement of **Enterprise Applications** in a clustered and non-clustered environment.
* Involved in different phases of software development cycle like Design, Requirement Analysis, Design, Coding, Testing and Implementation.
* Comprehensive problem solving capabilities with strong analytical skills.
* Handling and monitoring all phases of Build activities using CI tools like **Jenkins**.
* **Configuration Management**: Maintenance of source code Repository using **GIT**, Branching, Tagging and Merging.
* **Continuous Integration**: Administration, Creating new Build jobs, plugins installation and management, Test case integration, setting up master/slaves using Jenkins.
* Responsibility involved writing **chef cookbooks** to deploy applications and manage chef server.
* Fundamental mastery of the **AWS cloud computing platform** with different component and services.
  + VPC (Virtual Private Cloud), **EC2**, load-balancing with **ELB**,
* **Autoscaling** architectures, Custom monitoring metrics/analysis/alarms via CloudWatch.
* Managing application storage using **Amazon S3**.
* Experienced in Amazon EC2 setting up instances and setting up security groups.
* Setting up databases in AWS using S3 bucket and configuring instance backups to S3 bucket.
* Automate Database installation via Chef.
* Writing Chef Library according to the business requirements.
* Familiar with **Docker container**, creating link between the containers, Data container etc.
* Build and Release/Software configuration management to maintain Design/Build environment, Continuous Integration framework.
* Supporting scheduled Builds using shell scripts and cron job process.
* Specialization of Redhat Linux Expertise in supporting multiple projects during Builds and Release process.
* Perform Deployment support for Pre-Production/production environments.
* Experience in Automation Build Tools like MAVEN and creating packages like

WAR, EAR, JAR .

# Professional Experience

**Current Organization: Capgemini (2015 – till date)**

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| **01** | **Client:** | **Fairfax Media** |
|  | **Project Description:** | Fairfax Media Limited (formerly John Fairfax and Sons) is one of the largest media companies in Australia and New Zealand, with investment in newspaper, magazines, radio and internet. Media plus containers store various Perl/Shell/Python scripts and execute them via cron jobs. |
|  | **Role/Title:** | Devops/Scripting Engineer |
|  | **Project Duration:** | 10 months and continuing |
|  | **Responsibilities:** | * + Change /Modify scripts upon request by the user using   Perl programming and Unix Shell scripting knowledge.   * + Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/RHEL) and Configuring launched instances with respect to specific applications.   + Installed application on AWS EC2 instances and also configured the storage on S3 buckets.   + Creating and managing slave nodes in Jenkins.   + Bootstrap EC2 instances through chef.   + Write chef recipes for automating manual task.   + Branching, Tagging, Release Activities on Version Control Tools: GIT   + Managing Docker containers for different Environment.(DEV, STAGE, PROD etc)   + Implemented Continuous Integration using Jenkins and Hudson.   + Manage the Subversion branching strategy for a few applications.   + Worked with various scripting languages like Shell Scripting and Perl. Coordinate with the Offshore and Onshore teams for Production Releases.   + Fixing various issues from client side.   + Requirements gathering from Client. |
|  | **Operating Systems:** | Linux /Windows |
|  | **Languages:** | Perl / Shell Scripting,AWK scripting. |
|  | **Special Tools:** | Ticketing tool :BMC Remedy , AWS, GIT, Win SCP, Nagios for monitoring Applications, JIRA, Chef ,Docker, Jenkins |
| **02** | **Client:** | **CISCO** |
|  | **Project Description:** | Application Support/Production Support for CISCO Tidal |
|  | **Role/Title:** | Scripting Engineer /Application Support Engineer and Devops Engineer |
|  | **Project Duration:** | 10 months |
|  | **Responsibilities:** | * Scheduling/ Setup the unix/windows jobs. * Change /Modify scripts upon request by the user. * Create new scripts (Perl programming and Unix Shell .) * Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/RHEL) and Configuring launched instances with respect to specific applications. * Installed application on AWS EC2 instances and also configured the storage on S3 buckets. * Branching, Tagging, Release Activities on Version Control Tools: GIT * Monitoring the jobs. * Extensive usage of GIT in windows and LINUX environment for version control activities. * Experienced in deployment of applications on Apache Webserver and Application Server such as Tomcat * Responsible for Plugin Management, User Management, regular incremental backups and Regular maintenance for recovery. |
|  | **Operating Systems:** | Linux /Windows |
|  | **Languages:** | Perl , Shell Scripting, SQL,PL/SQL |
|  | **Special Tools:** | AWS, GIT, Win SCP,JIRA, BMC remedy |
| **03** | **Organization:** | **Techmahindra Ltd. (2012 April -2015 june)** |
|  | **Client:**  **Project Description:** | ATT  Error Management System (EMS) |
|  | **Role/Title:** | Scripting Engineer /Application Support Engineer |
|  | **Project Duration:** | 3 years |
|  | **Responsibilities:** | * + Application Design   + Coding   + Unit testing/Regression testing   + Test environment set-up   + Maintaining Requirement traceability matrix   + System Test Support   + Production Deployment monitoring/validation   + Live Defects   + Resolving post-implementation issues   + Rapid Deployment   + Set-up Test database   + Set-up Production Database   + Perform proactive application maintenance (Jobs / Code Tuning)   + Involved in maintenance, development and support of the project. Worked in technologies UNIX, Mainframe, Oracle * Fixing various issues from client side. * Production support/enhancement request which requires UNIX and mainframe Knowledge. * Requirements gathering from Client. |
|  | **Operating**  **Systems:** | Linux /Windows |
|  | **Languages:** | Perl , Shell Scripting, SQL,PL/SQL |
|  | **Special Tools:** | BMC Remedy , GIT, Win SCP, JIRA |

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# Training, Certifications

Red Hat Certified Engineer (RHCE 6)

Red Hat Certified System Administrator (RHCSA 6)

# Education

* **B.Tech (Computer Science & Engg.)** from **WBUT** with 84.6% as aggregate in 2011.
* **Higher Secondary** from **West** **Bengal council of higher Secondary Education**, West Bengal with 81.00% in 2007.
* **Secondary/Madhyamik** from **West Bengal Board of secondary education**, West Bengal with 85.87% in 2005.

# PERSONAL PROFILE

* Marital Status : Single
* Languages known : English, Hindi, Bengali
* Date of Birth : 13/06/19
* Passport Number : J7
* Place: Bangalore Signature
* Date: ()