**Shubham Agarwal**

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**Career Overview**

I have experience of over 2 years in Programming, Data warehousing and Cloud Computing Services (AWS). I am also proficient in Software Development Lifecycle and Agile methodologies.

I am currently working as a Software Engineer with core responsibility of developing applications and adding functionalities, providing continuous service in order to improve customer experience for Legal BU of Thomson Reuters and providing corrective actions in order to improve those.

Shubham is working directly with Legal Professionals to innovate new ways of improving Legal Research for Lawyers. .

**Area of Expertise**

* Cloud Computing (AWS)
* Agile Methodologies
* Shell Scripting/Linux
* Programming: Java/J2EE, NodeJS, Angular 4, SQL, Python/Flask.

**Experience**

Thomson Reuters India Pvt Ltd, Bangalore August 2016-Present

Software Engineer

* Developing new functionalities and applications for Thomson Reuters Legal BU/
* Performing continual application improvement for better service quality for TR customers
* Act as a technical advisor to look for new ways of fetching and processing data from Federal and state court vendors.
* Communicate and enforce processes for Deploying and Building of code.
* Managing Key and Major changes in code during migrations. Have experience of handing business required Hotfix.
* Analyzing and reviewing codes process violations wherever possible working along with the BUs
* Manage releases every week for expansion projects.

**Tools Used**

AWS, Jenkins, TFS, CVS, ECLIPSE, Angular CLI.

**Methodologies**

* AGILE.

Thomson Reuters India Pvt Ltd, Bangalore August 2016 to Present

Software Engineer

I have worked on various technologies during my tenure at Thomson Reuters. I have worked on Java, Angular 4, JS JQUERY, NodeJS and Python for developing and adding functionalities. I also have hands on experience of working on Linux platforms and writing shell scripts to fetch data from various online sources. I have also taken care of AIX setting up various monitors/ Big IPS and listeners for various applications

**Westlaw-Dockets Maintenance and Support**

As part of Dockets Support team, I have taken care of major incidents happening in production, refactored Java, Perl and Shell based code base. I have also worked on Angular 4, NodeJS with MongoDB for some external application relating to the project. I also have experience in maintaining system stability during server, network and dB migrations and upgrades.

**Core Responsibilities:**

* + - * Working on CVS version control, maintaining scripts for continuous downloading data from online sources, automation of these scripts and batch processing involving this data.
      * Refactoring codes to enhance performance of Perl/Java projects and shell script.
      * Partnering with offshore team dividing work in 12 hour shifts for between US and India.
      * Maintaining versions with Jenkins and TFS.
      * Maintaining and adding AIX Boxes, Servers, listeners and Queues.

**Tools used**

* Eclipse, Putty, AIX Boxes, Jenkins, Anthill, MQs SM9 and Service now..

**Technologies used**

* Java, Perl, Python, Shell Scripts, SQL, NodeJS, Angular 4, MongoDB, AWS

**Processes dealt with**

* Incident Management/Support and Change Planning, Setting up code based check and alerts.

**Roles & Responsibilities**

* + - * Support and Maintain to meet business requirements or enhance performance.
      * Setting up monitors for checking overall status and health of Servers and Control System.
      * Work on shell scripting development.
      * Maintaining Publishing Pathways.
      * Refactoring Java/Perl based code to improve quality and reducing system loads and time complexities.
      * Maintaining internal application by refactoring NodeJS/Angular/MongoDB based codes deploying them on AWS.

**Westlaw-Dockets Development**

I have added various functionalities to java based applications while I was at Dockets Development project. I have also implemented a Python based publishing pathway, created various DB schemas and worked on the expansion project which involved an increase from 230 to 255 court coverage in a year.

**Tools used**

* SQL Developer, Eclipse, Putty, AIX Boxes, Jenkins, Anthill, SM9 and Service Now.

**Technologies used**

* Java, Perl, Python, Shell Scripts, SQL.

**Processes dealt with**

* Checklist reviews, Iteration Planning and Code Reviews.

**Roles & Responsibilities**

* + - * Design and development integrated solutions to meet business requirements or enhance performance.
      * Creating Mapping for code Documentation.
      * Development and Automation of Shell scripts and Perl based projects for data acquisition and pre-processing of documents before they are published
      * Development of DB Schemas for expansion of projects.
      * Developing Java based code for converting all kinds of Data coming from online sources into xml format and then writing this information to DB, simultaneously sending the same to an API to output at the Application.
      * Development and Enhancement of the same publishing pathway as mentioned above.

**Awards and Recoginition**

I have been awarded the highest award (Inspire 2500) one could in the company 3 times for performance and many more in my 2 years at Thomson Reuters

**Education & Certifications**

* B.Tech in Computer Science and Engineering, June 2016. Percentage: 64.9%
* Undergraduate Coursework: Operating Systems; Databases; Algorithms and Computations; Programming Languages; Computer Architecture; Software Design Cycle, Calculus.