

- Used **Bash** and **Python** , included Boto3 to supplement automation provided by Ansible tasks such as provisioning **EC2** instances and deploying web application into those instances.

- Good Understanding and implementation experience of CI/CD pipeline, automation programmatically by creating **Jenkins** jobs and pipelines and solving various problems with **ANT**, **Maven**, **Gradle** as plugin

- Experience with installation and configuration of **Docker** environment(v1.5.0) including Docker registry hub for managing different Docker images and deployment of applications inside the software containers.

- Installing, configuring and managing the databases like **MySQL**, **PostgreSQL** , **MongoDB**, **DynamoDB**

- Solid understanding of MVC design pattern of PHP with hands - on experience on frameworks such as **Laravel** and **CakePHP**.

- Hands on experience with **Eloquent ORM**, **DataBase Migrations** and **Authentication**.

- Experience in cross-browser and cross-device UI development using **HTML5**, **CSS3**, **Bootstrap** and **JavaScript**.

- Experience in using Java Script library like **D3.JS** for producing dynamic and interactive data visualizations in web browsers.

- Extensively used **JavaScript**, **jQuery**, **ReactJS** and **AngularJS** technologies to build dynamic web contents with high performance.

- Good knowledge in server-side scripting language like **Node.js**.

- Worked with relational databases like **MySQL** and non-relational databases like **MongoDB**

- Good knowledge of SQL and experienced in building complex queries.

- Proficient in creating and consuming **RESTful Web APIs**.

- Experience working in **Test Driven Development (TDD)** environment along with Unit Testing, Quint, Jasmine, Karma and PHPUnit.

- Hands on experience on defect tracking tools like **JIRA** and task runner tools like **GRUNT & GULP**.

- Experience in all stages of **Software dDevelopment Life Cycle (SDLC)**.

- Used different version control tools such as **Git Hub** and **Git**.

- Experience in **Continuous Integration (CI)** and **Continuous Deployment (CD)** using **enkins** and **Amazon Web Services(AWS)** with EC2 to Create Instances and for Deployment.


- Experienced in developing web based application using **Python** and **Django** Framework.

- Installation of Packages, Patch Management and Upgrades.


- Experienced in writing **Shell scripts** using bash, **python** for group/user administration, startup/shutdown and other system related task.

- Hands on implementing **Web Servers**, **Database Servers**, **Mail servers** on Unix environment.

- Solid knowledge on **Linux commands** to perform system administration related tasks on Unix environment.

ASP.NET 

Shell Programming 

Data Analysis in Python 

PHP Frameworks

Laravel 

Codeigniter 


Zend 

CakePHP 

Django 

Magento 

DevOps Tools

Jenkins 

Chef 

Ansible 

Puppet 

AWS 

Selenium 

Datadog/New Relic 

Maven 

Docker 


Servers

Apache 

Nginx 


Tomcat 

Cloud Computing (AWS)

Elastic Cloud Compute (EC2) 

Simple Storage Service (S3) 

CloudFormation 

Relational Database Services (RDS) 

and many more...

English Proficiency

IELTS - 7.5 

Employment

Fair Pattern Inc.

2013 - current

Sr. DevOps Engineer

- Worked with Amazon AWS Cloud Services, (EC2, S3, EBS, ELB, Cloud Watch, Elastic IP, RDS, SNS, SQS, Glacier, IAM, VPC, Cloud Formation, Route53) and managing security groups on AWS, focusing on highavailability, fault tolerance, and auto-scaling.
- Worked on AWS cloud to provision new instances, S3 Storage Services, AWS EC2, Cloud watch services and CI/CD pipeline management through Jenkins.
- Used AWS Beanstalk for deploying and scaling web applications and services developed with Java, Net, PHP, Node js, Python & to perform application health checks
- Integrated AWS Lambda with AWS DynamoDB to automatically respond to events in DynamoDB streams
- Python Scripting in DevOps, to model and manage the entire application from load balancers to a database .
- Utilized AWS CLI to automate backups of ephemeral data-stores to S3 buckets, EBS and create nightly AMIs for mission critical production servers as backups.
- Worked with various PCF components like OAuth2 server, login server to provide identity management & Cloud Controller to configure deployment of applications
- Wrote Chef Cookbooks for various DB configurations to modularize and optimize product configuration, converting production support scripts to Chef Recipes and AWS server provisioning using Chef Recipes
- Installed, deploy, and configure Chef Server Enterprise on-premise/workstation.
- Bootstrapped the nodes using Knife and automated by testing Chef recipes/Cookbooks with Test-kitchen/spec.
- Used Chef to automate the deployment workflow of JAVA applications on Apache Tomcat server
- Developed Ansible playbooks for managing the application/OS configuration files in GitHub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application into the Linux Environment
- Handled configuration-management, application deployment, cloud provisioning, ad-hoc task-execution, and multimode orchestration using Ansible.
- Created Docker images using a Docker file, worked on Docker container snapshots, removing images, and managing Docker volumes.
- Defined dependencies and plugins in Maven (pom.xml) for various activities and integrated Maven with GIT to manage and deploy project related tags.
- Used Version Control tool, SVN to create branches and implement parallel development process.
- Implemented a GIT mirror for SVN repository, which enables users to use both GIT and SVN.
- Python Scripting in DevOps, to model and manage the entire application from load balancers to a database.

Javascript Skills

JQuery	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
React.JS	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Node.JS	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Angular.JS	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Database Skills

MySQL

MongoDB

SQL Server

Microsoft Office

MS Excel	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
MS Access	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
MS Powerpoint	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Third Party API

Amazon	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Payment Gateways	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Google	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Facebook	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Twitter	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Operating System

Linux	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Mac	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Windows	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Version Control System

Git

Github/BitBucket

Linux Server

[illegible]

- Involved in JIRA as defect tracking system and configure various workflows, customizations and plug-ins for JIRA bug/issue tracker

- Maintained Bitbucket Repositories which includes Jenkins and JIRA Integration, creating new repositories, enabling GIT to ignore, branching, merging, creating pull requests and the access control strategies from Bitbucket

- Installed and Configured the Apache Tomcat application servers for Dev and Integration Test Environments .

- Automated the process of deployment to Apache Tomcat Application Servers by developing Java Scripts , Perl Scripts and python scripts .

- Developed a Shell script for real-time monitoring and reporting of status of the application server JVMs and server machines on the internal network using BASH shell on RHEL.

- Involved in Troubleshooting of all aspects of the Unix/Red Hat Linux operating environments and coordinated with all the teams before and after the production deployments for the smooth production releases

Nexus Web Consultancy Ltd. (London)

2011 - 2015

Senior Software Engineer (ASP.NET & PHP)

- Developing projects using MVC framework, AngularJS, Bootstrap.
- SQL programming on MS SQL Server and MySQL.
- Creating Crystal Reports.
- Test Driven Development(TDD) in ASP.NET and PHP.
- Dependency Injection in ASP.NET
- Had experience to work with Entity Framework.
- Going through software development life cycle with Agile methodology.
- Developed projects with HTML/XHTML, XML and CSS, AJAX, JSON , JavaScript, JQuery and many other JS Frameworks.
- Writing complex SQL queries, Stored procedures and SQL functions
- Worked with some PHP Based projects using Codeigniter and Zend Framework.
- Simultaneously managing several databases and reporting tools
- Provide guidance to other team members on web development issues.
- Developing websites that have a consistent feel and look throughout all web properties
- Providing technical support to end users.
- Worked with REST and consuming RESTful APIs.
- Worked with JIRA Project Management Tool.

BJIT Ltd.(Bangladesh-Japan IT)

2008 - 2009

PHP Developer

My main responsibility was building flexible, modular and well tested JavaScript/HTML/CSS based applications. Some of them require real time communication, so I have the luck to work with various Javascript frameworks. Along with that I'm using node to improve and speed up

Mail Server



Firewall



Project Management Tools

Jira



Microsoft Office
2010



Graphical Tools

Photoshop



Typing Speed

70 wpm



Trainer

- * North South University (NSU)
- * International University of Business Agriculture and Technology (IUBAT)
- * IT Bangla
- * Information of Science & Technology
- * Udemy

Mission 2018

- * AWS Developer Associate Certification
- * AWS SysOps Associate Certification
- * AWS Professional DevOps Cert.
- * AWS Big Data Certification
- * Jenkins Certifications
- * Red Hat Certified Architect
- * Deep Dive Into Python
- * Learning Machine Learning
- * Deep Dive Into Big Data
- * Learning More DevOps Tools

This Year Achievements

- * AWS Developer Associate Certification

Professional Certification

AWS Certified
Developer -
Associate



AWS Certified
Solution Architect -
Associate



Zend Certified PHP
Engineer (ZCPE)



Red Hat Certified
Engineer (RHCE)



my workflow. Coding cross-browser web sites, I'm happy to say that I produce responsive apps.

Evoknow (A USA Based Software Firm)

2007 - 2008

Web Developer

As a web developer I had to work as a team member to develop robust web applications based on PHP, Javascript, CSS and many other Javascript frameworks along with MVC Framework.

Red Hat Certified
System Admin
(RHCSA)



Professional Course

Red Hat Linux



CCNA



Programming Skills

HTML5



CSS



JavaScript



PHP



MySQL



Bootstrap



Wordpress



Ruby on Rails



C#



Python



ASP.NET



Shell Programming



Data Analysis in
Python



PHP Frameworks

Laravel



Codeigniter



Zend



CakePHP



Django



Magento



DevOps Tools

Jenkins



Chef



Ansible



Puppet



AWS



Datadog/New Relic



Maven



Docker



Remarkable AWS Projects

Automated software delivery life cycle using CI/CD pipeline :

- Created a release pipeline that automates software delivery process using AWS CodePipeline.
- Connected to a source repository like AWS CodeCommit to that pipeline.
- Automated code deployments by connecting that pipeline to AWS CodeDeploy.
- Plugged in a build service such as Jenkins with the CI/CD automation.

Created a build server for Continuous Integration (CI) on AWS:

- Launched a virtual application server to host Jenkins server using Amazon EC2. In that single-node setup, both the Jenkins server and agent run on the same Amazon EC2 instance.
- Deployed Jenkins on Amazon EC2.
- Configured the Jenkins with build servers so that it spins up additional Amazon EC2 instances as build servers, based on resource consumption.

Migrated a GIT repository from GitHub into AWS CodeCommit:

- Created a private Git repository using AWS CodeCommit. This is the destination where our project was hosted.
- Migrated that project to our CodeCommit repository.
- The project we were going to migrate from GitHub was a large and very old project having more than six years of histories and pushing such a large project into AWS CodeCommit in one go would be troublesome. Therefore, we pushed the code into AWS CodeCommit in an incremental manner using python script.

Hosted a static website in AWS (Using AWS S3, Route53 & CloudFront):

- Deployed a static website using Amazon S3. Amazon S3 will provide the origin for that website as well as storage for the static contents.
- Associated the domain name with that website using Amazon Route 53. Amazon Route 53 will tell the Domain Name System (DNS) where to find that website.
- Enabled that website to load quickly using Amazon CloudFront. Amazon CloudFront will create a content delivery network (CDN) that hosts that website content in close proximity to the users of that website.

Remarkable Web Development Projects

www.evonuer.com: This is a social networking site built for entrepreneurs to start up a business by generating ideas. It has been based on Laravel framework whereas JQuery has been used as Javascript framework. So many social networking features have been implemented here such as login, registration, messaging, share, comments, file uploads and so many things.

School Automation Record Management System: Its a ASP.Net Project for an automated system that manages student details. All details like college details, student personal details, academic details etc are handled by it. The main motive of using this management tool is for academic institutions which range from schools and colleges which simplifies the administrative process including personal management, inventory as well as payments.

www.nrbbuysell.com: This is an ecommerce site based in Bangladesh. This site has been built from without using any ecommerce frameworks. Angular JS

has been used for frontend development and CakePHP has been used in the backend. Apart from products uploads, there are lots of modules such as payment gateway, inventory, shipping cost calculation have been developed. A modern technology used to make sure site loading is faster.

www.deltanettravel.gr: Deltanet is a destination management website that helps to manage tourist services, in Greece. You can really see different features on this website, so smooth browsing. [Laravel Project, React.js, Mysql, Git, JIRA]

www.fusioninvoice.com: With FusionInvoice you can launch your own self-hosted invoicing platform that you can use to keep track of your monetary situation within your business, all within a beautiful interface [Laravel Project, JQuery, Ajax., Mysql, Git]

Education

Computer Science & Engineering (CSE)

2001 - 2005

Jahangirnagar University

CGPA: 3.21 (Out of 4)

Masters in Business Administration (MBA)

2009 - 2010

University of Wales

Result: 60%

WEB: aseefahmed.github.io

Mission 2018

- * AWS Developer Associate Certification
- * AWS SysOps Associate Certification
- * AWS Professional DevOps Cert.
- * AWS Big Data Certification
- * Jenkins Certifications
- * Red Hat Certified Architect
- * Deep Dive Into Python
- * Learning Machine Learning
- * Deep Dive Into Big Data
- * Learning More DevOps Tools

Professional Certification

AWS Certified
Developer -
Associate



AWS Certified
Solution Architect -
Associate



Zend Certified PHP
Engineer (ZCPE)



Red Hat Certified
Engineer (RHCE)



Red Hat Certified
System Admin
(RHCSA)

