ASEEF AHMED

aws CERTIFIED

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About Myself

I am **Zend Certified PHP Engineer (ZCPE)** and **Red Hat Certified System Administrator (RHCSA)** having more tha 9 years of working experience in web industry as a Software Engineer. I also pocess strong knowledge on different operating system and servers like Linux. My vission is to gain confidence and fame using my potential in the field of Web Technologies, Big Data, Machine Learning, DevOps, Cloud Infrastructure and express my innovative creative skills for myself and my company.

Vendor Certifications

Certification	Place	Verification Code
AWS Certified Developer - Associate	Dhaka	FBEPTTQCBNVQ1YCM
AWS Certified Solution Architect - Associate	Dhaka	D56G7HF1C1Q4QRWZ
Red Hat Certified Engineer (RHCE)	Dhaka	160-256-988
Red Hat Certified System Administrator (RHCSA)	Dhaka	160-256-988
Zend Certified PHP Engineer (ZCPE)	London	ZEND028194

Employment

Fair Pattern Inc.   **2015 - Current**
DevOps Engineer

- Create and maintain fully automated CI/CD pipelines for code deployment using GitHub, AWS CodeDeploy, AWS CodePipeline.

- Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling.

- Reduced costs by ~$3,000 each month by eliminating unnecessary servers and consolidating databases.

- Working with AWS services like CloudFormation, Elastic Beanstalk, Identity & Access Management, Route53 and so on.

- Automated build and deployment using Jenkins to reduce human error and speed up production processes.

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)

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

- Working with AWS services like CloudFormation, Elastic Beanstalk, Identity & Access Management, Route53 and so on.

- Reduced deployment time for critical agile project infrastructure from ~2-3 weeks to 2 days.

- Installed and configured Nagios to constantly monitor network bandwidth, memory usage, and hard drive status.

- Managed GitHub repositories and permissions, including branching and tagging.

- Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work.

- Controlling & Automating AWS cloud infrastructrues using AWS APIs and Python programming language.

- Deploying and managing web application in AWS cloud using AWS CloudFormation andElastic Beanstalk.

- Implemented payment gateways such as Stripe, Paypal etc.

- Have solid understanding of OOP principles, MVC frameworks, Relational Database Management System and common SW engineering design patterns

- Database Design & Developing in MySQL.

- Front-end development including jQuery, Angular JS, and React JS.

- Strong coding skills, good analytical and problem solving skills.

- I have worked with JIRA project mentmanagement tool.

- Ensuring developers develop standard production-level codes and maintain standard coding convention.

- Self-motivated and able to work with minimum supervision

- Ensures quality of software by producing quality code with best practices.

- Provide guidance to the team members on web development issues.

- Attending regular meeting with clients.

- Researching, learning and adapting new tools, libraries, APIs and frameworks.

- Able to work till late night and under pressure.

- Lead the team to design and develop an effective database structure.
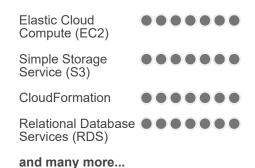
PHP Frameworks

Laravel	●●●●●●○
Codeigniter	●●●●●●○
Zend	●●●●●○○
CakePHP	●●●●●○○
Django	●●●●●●○
Magento	●●●●○○○

DevOps Tools

Jenkins	●●●●●●●
Chef	●●●●●●○
Ansible	●●●●●●○
Puppet	●●●●●○○
AWS	●●●●●●●
Jesmine/SonarQube	●●●●●●○
Splunk/Nagios	●●●●●○○
Maven	●●●●○○○
Docker	●●●●●●○

Cloud Computing (AWS)

Elastic Cloud Compute (EC2)	●●●●●●●
Simple Storage Service (S3)	●●●●●●●
CloudFormation	●●●●●●●
Relational Database Services (RDS)	●●●●●●●

and many more...

English Proficiency

| IELTS - 7.5 | ●●●●●●● |

Javascript Skills

JQuery	●●●●●●○
React.JS	●●●●●●○
Node.JS	●●●●○○○
Angular.JS	●●●●●●○

Nexus Web Consultancy Ltd. (London)   **2011 - 2015**
Senior Software Enineer (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.

- Devloped 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.

- Devising SEO strategies based around specific keywords.

- Worked with REST and consuming RESTful APIs.

- Worked with JIRA Project Management Tool.

- Had to work under pressure.

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 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 robus web applicatio based on PHP, Javascript, CSS and many other Javascript frameworks along with MVC Framework.

Database Skills

MySQL	●●●●●●○
MongoDB	●●●●●○○
SQL Server	●●●●○○○

Microsoft Office

MS Excel	●●●●●●○
MS Access	●●●●●○○
MS Powerpoint	●●●●●●●

Third Party API

Amazon	●●●●●○○
Payment Gateways	●●●●●●○
Google	●●●●●●●
Facebook	●●●●●●○
Twitter	●●●●●○○

Operating System

Linux	●●●●●●●
Mac	●●●●●○○
Windows	●●●●●●○

Version Control System

Git	●●●●●●○
Github/BitBucket	●●●●●○○

Linux Server

System Administration	●●●●●○○
Database Server	●●●●●●○
Web Server	●●●●●○○
DNS Server	●●●●●○○
Mail Server	●●●●●●○
Firewall	●●●●●○○

Remarkable AWS Projects

<u>Automated software delivery life cycle using CI/CD pipeline</u> :
- 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.
- Pluged in a build service such as Jenkins with the CI/CD automation.

<u>Created a build server for Continuous Integration (CI) on AWS</u>:
- 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.

<u>Migrated a GIT repository from GitHub into AWS CodeCommit</u>:
- 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.

<u>Hosted a static website in AWS (Using AWS S3, Route53 & CloudFront)</u>:
- 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.

<u>School Automation Record Management System</u>: 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 have been built from witout 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 destoation 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]

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
* Red Hat Certified Architecht
* Deep Dive Into Python
* Learning Machine Learning
* Deep Dive Into Big Data
* Learning More DevOps Tools

This Year Achievments

* AWS Developer Associate Certification

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%

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