

# Bhargava Mamillapalli

Programmer

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- Have 8 years of experience as SQL Server Developer.
- Have 1 year of experience on AWS Services.
- Experience in creating EC2 instances, IAM, S3, Elastic Load Balancing on EC2 instances, AMI, Storage Volumes, Load Balancing, Auto scaling, SNS services.
- Experience in developing Web Application using ASP.NET technologies.
- Experience in SQL Server Sub queries, Stored Procedures, Triggers, Reporting Services and Integration Services.
- Client interaction during development, deployment, testing phases.
- Ability to deal with clients, ability to motivate teams to increase the productivity and ability to deal with people in a friendly manner and willingness to learn.



## Education

**M.C.A**  
*Shadhan College*



## Work History

**Jan 2012 - Current**      **Programmer**  
*Osmania University*



## Skills

Operating System - WindowsXP Prof.  
MS.NET Technologies- ASP.NET, C#.NET  
Databases- MS SQL Server 2005/2008/2012  
Script/Mark-up Languages- HTML, CSS, JavaScript  
Frameworks- MS.NET 2.0, 3.5, 4.0, 4.5

### **Virtualization: Amazon AWS Cloud**

SQL server - SQL architecture, client/server relation and databases, Sub queries, Stored Procedures, Triggers, Transact-SQL, Database Objects, Implementing Programmability Objects, Database Concurrency, Reporting Services and Integration Services.



## Certifications

**SQL Certification , AWS Certified Solutions Architect Associate**

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## Project Experience

### **Project 1: Amazon SNS messages Services for OTP to Students**

**Client:** Osmania University

**Role:** Programmer

**Technology:** Amazon SNS Services

**Duration:** Dec 2019 to TillDate

**Problem Statement:** Design an architecture on AWS, which can send notifications to student based on student Online certificate application.

**Team Size:** 1

In this project I worked on a Online certificate project to send OTP online and developed a platform so the Students can access the SMS via mobile and push notifications. I published the report to an Amazon SNS keeping it secure and private. The message will be hosted on an EC2 instance within the Amazon VPC. By publishing the messages privately, we can improve the message delivery and receipt through Amazon SNS.

#### **Highlight :**

- AWS CloudFormation to create a EC2 Instance
- Connect EC2 Instance with AWS SNS
- Publish message privately with SNS

### **Project 2: Deploying Student results on AWS Services**

**Client:** Osmania University

**Role:** Programmer

**Technology:** AWS Services

**Duration:** Feb 2020 to TillDate

**Problem Statement:** How to scale a website fast using AWS without the upfront cost.

**Team Size:** 1

In this AWS project I launched an EC2 instance without the need to invest in hardware up front, so that can develop and deploy applications faster. I used Amazon EC2 to launch as many or as few virtual servers as needed, configured security and networking, and managed storage. Amazon EC2 enables us to scale up or down to handle changes in requirements or spikes in popularity, reducing our need to forecast traffic.

#### **Highlight :**

- Launch an EC2 Instance
- Enable Auto Scaling of EC2
- Create an RDS Instance
- Allow traffic from EC2 to RDS Instance

### **Project 3: NSDL Data**

**Client:** National Securities Depository Limited (Central Government).

**Role:** Sql Server Developer

**Technology:** Sql Server 2014 Management Studio

**Duration:** Jan 2019 to Oct 2019

**Team Size:** 1

Retrieved Student's Data from various database like Excel, Access and DBF Files and submitted to National Academic Depository (NAD) Portal for NSDL Database Management Limited (NDML). Nad will maintain and issue academic Certificates to Student and Third Party Users who completed their education under OSMANIA UNIVERSITY.

Retrieved Student's Data from various database like Excel, Access and DBF Files and Integrated in SQL Server Using SSIS and submitted to National Academic Depository (NAD) Portal for NSDL Database Management Limited (NDML). Nad will maintain and issue academic Certificates to Student and Third Party Users who completed their education under OSMANIA UNIVERSITY.

#### **Responsibilities:**

- Involving in Designing the Architecture of the project.
- Discuss with client for requirements gathering.
- Used Stored Procedures, Triggers, Reporting Services(SSRS-Table) and SSIS service for integrating data into SQL SERVER
- Fixing of bugs and their Unit Testing.
- Review of Sub queries written to meet client specifications.
- Interactions with Client regarding issues and enhancements of software.
- Involve in coordination with team for deliverables and technical queries

#### **Achievement:**

- 1) Reached the goal of submitting the **10lakh student's data** required by NAD.

### **Project 4: Apply Online for Certificates**

**Client:** Osmania University

**Role:** Sql Server Developer & .Net Developer

**Technology:** ASP.Net, Visual Studio 2013 and Sql Server 2014 Management Studio

**Duration:** Sept 2017 to till date

**Team Size:** 3

The application helps students to apply for Certificates in online from Osmania University. The student can pay the prescribed application through online only. The application will also help the student to track the status of the application. It is very user friendly.

#### **Responsibilities:**

- Design, develop and test the provided requirements with quality.
- Involving in Designing the Architecture of the project.
- Discuss with higher authorities for requirements gathering.
- Writing Subqueries to implement new features and enhancements for the software.
- Used Stored Procedures, Triggers, Reporting Services(SSRS-Table) and SSIS service for integrating data into SQL SERVER.
- Fixing of bugs and their Unit Testing.

**Project 5: Bhavans Automation**

**Client:** Bhavan's(U.G& P.G)College,Sainikpuri.

**Role:** .Net Developer & Sql Server Developer

**Technology:** C#.Net, Visual Studio 2005

**Duration :** Oct 2016 to Jan 2017

**Team Size:** 2

Web based application developed to issue Online Hall tickets,Online Results & Automation of Result Processing. Theweb applicationalso Tabulated MarksLedger, PrinttheMarkStatement, Provisional and Degree Certificate to Pre-printed stationery.

**Responsibilities:**

- Design, develop and test the provided requirements with quality.
- Involving in Designing the Architecture of the project.
- Discuss with higher authorities for requirements gathering.
- Writing Subqueries, Stored Procedures, Triggers toimplement new features and enhancements for the software.
- Used Reporting Services(SSRS-Table) and SSIS service for integrating data into SQL SERVER.
- Fixing of bugs and their Unit Testing.
- Interactions with Client regarding issues and enhancements of software.
- Involve in coordination with team for deliverables and technical queries.

**Project 6: Exam Branch Application**

**Client:** Osmania University

**Role:** .Net Developer & Sql Server Developer

**Technology:** C#.Net, Visual Studio 2005

**Duration :** Jan 2014 to till date

**Team Size:** 2

OsmaniaUniversityExamination Branch Automation applicationhelpsOsmania Universityto enter students requests and track the status of request received. Section people can verify and process the request. Processed and approves certificates and memos will be printed and dispatched to the applicants.

**Responsibilities:**

- Discuss with client for requirements gathering.
- Writing code to implement new features and enhancements for the software.
- Fixing of bugs and their Unit Testing.
- Review of code written to meet client specifications.
- Interactions with Client regarding issues and enhancements of software.
- Involve in coordination with team for deliverables and technical queries

**Project 7: Spot Valuation Application**

**Client:** Osmania University

**Role:** .Net Developer & Sql Server Developer

**Technology:** C#.Net, Visual Studio 2010

**Duration :** Sept 2012 to till date

**Team Size:** 3

Osmania University Examinationbranch Spot Valuation application helps Osmania University to maintain the details of the answer scripts issued to the valuers and track the status of valuers regarding answer scripts issued and received and the entry of marks.

**Responsibilities:**

- Design, develop and test the provided requirements with quality.
- Involving in Designing the Architecture of the project.
- Discuss with higher authorities for requirements gathering.
- Writing Sub queries to implement new features and enhancements for the software.
- Used Stored Procedures, Triggers, Reporting Services (SSRS-Table) and SSIS service for integrating data into SQL SERVER.
- Fixing of bugs and their Unit Testing.
- Review of Sub queries written to meet client specifications.
- Involve in coordination with team for deliverables and technical queries

**Project 8: Examination Data Processing System (EDPS)**

**Client:** Osmania University

**Role:** .Net Developer & Sql Server Developer

**Technology:** C#.Net, Visual Studio 2005

**Duration:** Feb 2012 to Aug 2012

**Team Size:** 3

EDPS application helps Osmania University for the automation of result process. It includes print college wise results and Tabulated Marks Ledger, Print the Mark Statement, Provisional and Degree Certificate to Pre-printed stationery.

**Responsibilities:**

- Design, develop and test the provided requirements with quality.
- Involving in Designing the Architecture of the project.
- Discuss with higher authorities for requirements gathering.
- Writing Sub queries, Stored Procedures, Triggers to implement new features and enhancements for the software.
- Used Reporting Services (SSRS-Table) and SSIS service for integrating data into SQL SERVER.
- Fixing of bugs and their Unit Testing.