

# Neeraj Mathur

PRINCIPAL APPLICATION ENGINEER @ ORACLE (INDIA)

Flat 303, Sri Harikrishna Residency, J V Colony, Indira Nagar, Gachibowli, Hyderabad - 500032, India

☎ (+91) 888-693-7575 | ✉ neeraj.mathur@gmail.com | 🌐 neerajmathur27

## Objective

---

I have a good background in designing, developing and handling enterprise products with a research-oriented mindset which enables me to learn new technologies at a faster pace. I have a sound knowledge in Microsoft technologies stack **ASP.Net, C#, Entity Framework, WebAPI, Angular, HTML5, SQL Server, Big Data, Azure**. I am looking towards an architect or research role.

## Summary

---

- **13 years** of expertise in developing client-server and web-based applications using ASP.NET, MVC Architecture, C#, Web Services, WCF, SOAP, REST, ORM, CSS3, SQL Server, HTML5, JavaScript, JQuery AngularJS, etc.
- Work experience in MS.Net Technology including .NET Framework v2.0/3.5/4.5, ASP.NET 4.0, ASP.Net MVC, Entity Framework, WCF, Entity Framework, XML, C#, Generic classes.
- Working knowledge of Big Data technologies such as Hadoop, MapReduce, Hive, Pig
- Strong **debugging skills**, proficient in analyzing **crash/hang dumps** to debug challenging issues
- Experience in developing and implementing advance e-commerce portals
- Expertise in GUI design and development using frameworks such as AngularJS, jQuery, Bootstrap etc.
- Well-skilled in end-to-end development of software applications from requirement analysis to system study, designing, coding, testing, debugging and documentation.
- Experience in Object Oriented Design (OOD) using Data Flow Diagrams and ER Diagrams.
- Expertise in SQL Server, T-SQL. Proficient in creating Stored Procedures, Functions, Triggers and Cursors.
- Proficient in developing Data Access components using ADO.NET, ORM technologies to interact with backend databases like MS SQL Server, Oracle, cloud databases
- Experienced in working with Web Servers like IIS 7 / IIS 8, Apache Tomcat
- Possess excellent analytical and leadership skills, team player and dedication with a positive attitude.
- Strong understanding of GoF design patterns and Database implementation.
- Capable of working independently with minimal supervision.

## Skill Set

---

- **.Net Technologies :-** MS.Net Framework 2.0/3.5/4.5, ASP.Net 2.0/3.0, ASP.Net MVC 4, ADO.NET, Entity Framework, WCF, WEB Api, REST, SOAP, Web Services, Unity Applications Block
- **Azure :-** Azure WebApp, Azure Functions, Azure Logic Apps, Azure DataFactory, API Management
- **Languages :-** C#, .NET, JavaScript, HTML5, XHTML, XSL, XSLT, CSS3, XML
- **JavaScript Libraries :-** jQuery, AngularJS
- **Databases :-** SQL Server 2014/2008 R2, Oracle 12c
- **Web Servers :-** IIS 7.0/6.0/5.0, Working knowledge of Tomcat, Weblogic
- **Other Tools :-** MS Visual Studio .NET 2015/2013/2010, Microsoft SourceSafe, TFS, ReSharper, Working knowledge of PHP, MySQL 5.0, MS Expression Web, Adobe Photoshop CS2
- **Operating Systems :-** Windows 7/8, Windows Server 2012, Working Knowledge of LINUX

## Awards & Recognitions

---

- Received '**Customer Champion Award**' in Oracle for winning the confidence of customer in handling critical issues.
- Several times awarded with '**Star Of The Month in Oracle**'.
- Microsoft Certification (70-535)- Architecting Microsoft Azure Solutions
- Microsoft Certification (70-315) [Developing and Implementing Web Applications with Microsoft® Visual C#™ .NET and Microsoft® Visual Studio® .Net]
- Received customer appreciation and recognition for demonstrating timely project deliverables without any escalations.

## Publications

---

Feb. 2019	<b>Is Virtual Reality Product Development different? An Empirical Study on VR Product Development Practices</b> , ISEC	Pune, India
Jun. 2018	<b>Usability Evaluation Framework for Mobile Apps Using Code Analysis</b> , EASE	New Zealand
Mar. 2018	<b>Analysis of FinTech Mobile App Usability for Geriatric Users in India.</b> , CHluXid	Indonesia
Mar. 2018	<b>SIREN - Security Information Retrieval and Extraction eNgine.</b> , ECIR	France
Dec. 2015	<b>Correctness of Semantic Code Smell Detection Tools</b> , QuASoQ	New Delhi, India
Feb. 2016	<b>Mobile App Usability Index (MAUI) for Improving Mobile Banking Adoption</b> , ENASE	Barcelona, Spain
Dec. 2015	<b>Improving Mobile Banking Usability Based on Sentiments</b> , ENASE	Springer

## Education

---

2019	<b>M.S. By Research, CGPA 9.67/10</b> , International Institute of Information Technology	Hyderabad, India
2006	<b>B.E. Computer Science (Honors)</b> , Rajasthan University	Jaipur, India
2001	<b>Senior Secondary 12th</b> , Secondary Board of Education, Rajasthan	Jaipur, India
1999	<b>Secondary 10th</b> , Secondary Board of Education, Rajasthan	Jaipur, India

## Experience

---

### Oracle India Pvt. Ltd.

Hyderabad, India

PRINCIPAL APPLICATIONS ENGINEER

Mar. 2016 - Present

- **Product:** Oracle P6 Primavera Project Management
- **Environment:** Asp.Net MVC, C#, Entity Framework, SQL Server, Oracle DB, Task Parallel Library, Dataflows, TFS.
- **Overview:** Oracle's Primavera Project Management is a leading Project Management application that is very intuitive. World most complex projects are planned using this application. This is a recognized standard for high-performance project management Primavera P6 Professional Project Management, handles large-scale, highly sophisticated and multifaceted projects. Organize projects of up to 100,000 activities with unlimited resources and an unlimited number of target plans.
- **Roles & Responsibilities:**
  - Work closely with design and product manager to understand the new requirement and convert them technical documents
  - Design and functional review of new enhancements/features.
  - Help other team members in understanding product's deep technical aspects
  - Responsible for building cache framework in application for connected and disconnected mode in Oracle Cloud
  - Resolve critical technical issues (24x7 or Sev 1 issues).
  - Coordinate with other teams for product integration.
  - Development effort estimations.
  - Collaborate with support teams and customer for addressing their issues.
  - customer handling and guiding team in resolving critical issues

- **Product:** Oracle Primavera Portfolio Management (Formerly Prosight)
- **Environment:** ASP.NET, ASP.Net MVC, JavaScript, C#, C++, Winforms, Entity Framework, SQL Server, Oracle DB, .Net remoting, Threads, Multithreaded programming, Windows Services, COM, Event Logs, XML, User Controls, TFS.
- **Overview:** Oracle's Primavera Portfolio Management (formerly Prosight) is a leading Project Portfolio Management application that is very intuitive and utilizes a 100% web interface. Using Portfolio Management's top-down approach, clients are able to manage their business objectives and rank their investments prior to selecting them. In terms of processes defined in PMBOK, the main focus of the tool is to provide users better control in the two major aspects of a project life cycle: the Planning phase (propose initiatives, clarify objectives, and prioritize/select investments) and the Controlling phase (track performance, review portfolio and adjust course). Primavera Portfolio Management is organized by solution modules: Investor Maps, Scorecards, Forms, Workbooks, Dashboards, Process and Project Management Bridge. Each module provides a unique view of business activities, from the strategic overview to the everyday operational aspects of individual investments.
- **Roles & Responsibilities:**
  - Help other team members in understanding product's deep technical aspects
  - Responsible for addressing any security issues (Reflected XSS, Stores XSS, CSRF attack etc)
  - Worked as a Team lead to assign development tasks to team members.
  - Resolve critical technical issues (24x7 or Sev 1 issues).
  - Design and functional review of new enhancements/features.
  - Coordinate with other teams for product integration.
  - Development effort estimations.
  - Module development for enhancements like workflows, graph etc
  - Improving function engine efficiency by addressing concurrency and distributed environment issues.
  - Collaborate with support teams and customer for addressing their issues.

### Q3 Technologies

Gurgaon, India

TECHNICAL LEAD

Dec. 2009 - Jan. 2012

- **The Jewellery Channel – Jewellery Auction Management System**
  - **Environment:** C#, .Net 4.0, Entity Framework, Auto Mapper, WCF Silverlight, MS Visio 2003, MS Project 2007, SQL Server 2008
  - **Overview:** Auction Management System is a complete system for Online, On Air Live auctioning of Jewellery Item's. The system is developed and deployed on 3 different locations (countries) – US, UK & Germany. It is running successfully at all locations. AMS is able to handle all the primitive and secondary activities related to Auctions like Scheduling and Planning of Auctions, TV Broadcasting, Sales, Invoicing, Manifesting, Customer support etc. This is a comprehensive set of applications, web services and websites and about 39 major applications are working intimately to run a successful auction cycle.
  - **Roles & Responsibilities:**
    - Requirement gathering, functional analysis and documentation.
    - Assign development tasks to team.
    - Resolve technical issues in time.
    - Design and functional review of project.
    - Coordinate with other teams for integration.
    - Development effort estimations.
    - Worked closely with the client at both project and senior management level.

- **Client: Vertisoft, Canada**
  - **Environment:** VB.Net, Asp.Net, WCF, ADO.NET, XML, MY SQL, MS Visio, IIS 7, Visual Studio TFS, MS- Office.
  - **Overview:** The **ManageBox** is a CMS framework designed to produce a code for the e-commerce web sites where the user just have to pass on there website needs and this tool will generate the whole code and set of classes to manage the E-commerce website, user is also allowed to maintain the security at the field level and also allowed to maintain the versioning of there data. More than 200 websites are produced by using this framework.
  - **Roles & Responsibilities:**
    - Interacted with the development manager for understanding requirements.
    - Development of base classes.
    - Support for handling critical bugs.
    - Development of Web Services for data processing like currency conversion, shopping cart etc
- **Client: Symfo**
  - **Environment:** C, WinForms, Windows Services, WCF, ADO.NET, XML, SQL server 2005, MS Visio, Visual Source Safe, MS- Office.
  - **Overview:** The **SymQOL** application is designed to allow the Symfo personnel to design studies/applications on Desktop, send/install them on PDAs, collect data recorded by the patient, and transmit data to WOW APIs. The WOW APIs will encrypt the data and send to acoustic server and decrypt it there. The SymQOL application will receive the decrypted data and prepare a readable file containing actual questions and answers given by patients.
  - **Roles & Responsibilities:**
    - Interacted with the development manager for understanding requirements.
    - Development of Server Agent for Data Transfer and Log creation.
    - Client side support for handling critical bugs.
    - Development of Windows Services for Background data processing.
    - Created secured way for data transfer from Aquostic Server to Symfo Server.

## Deccan Consulting Corp

*U.S.A & India*

SOFTWARE ENGINEER

*Oct. 2007 - Nov. 2009*

- **Client:** Enable Consulting LLC
- **Environment:** C#, ADO.NET, ASP.NET 2.0, XML, SQL server 2005, Business Intelligence, SSIS, JavaScript, IIS 6.0, MS Visio, Visual Source Safe, MS- Office, XHTML, CSS, Bugzilla.
- **Overview:** COMCAST® Media Manager & Video on Demand are two Applications developed to manage advertisements and videos (shown to the users on their choice) which is being ran over the largest Cable Network in USA. Comcast is the largest Digital Service & High Speed Internet provider in USA. This platform allows the users to work in a collaborative manner in order to attain utmost efficiency.
- **Roles & Responsibilities:**
  - Developed module record and play media files over cable network
  - Responsible for converting existing application to Asp.Net

## Monsoon Software Consulting

*Jaipur, India*

SENIOR PROGRAMMER

*Nov. 2006 - Oct. 2007*

- **Title:** www.IndiaResults.com
- **Environment:** C#, ADO.NET, ASP.Net 1.1/2.0, SQL server 2000/2005, JavaScript, MS Access, FoxPro, IIS 6.0, MS- Office, HTML, CSS, V.B. 6.0.
- **Overview:** It is a broad based career information portal used for publishing exam results by Universities and exam boards all over India. It is utilized by students all over India to get fast and accurate exam results. Current size of the database is 80 million records using Multi Tera Bytes of database space holding exam results of millions of students all over India.
- **Roles & Responsibilities:**
  - Interacted with client for understanding university and board result data structure.
  - Developed code to convert the data into proper format.
  - Uploaded data in SQL Server and wrote queries, stored procedures, triggers, functions using SQL to retrieve data from MS Access and SQL Server databases.

## Mascosoft Technologies

*Jaipur, India*

PROGRAMMER

*Jun. 2006 - Oct. 2006*