

SAROJ EKKKA

Web Solution Architect/Technical .Net Lead /
PMP certified

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Danville, CA



More than **20+ years** of work experience in web applications/web api development with full exposure & experience on each phase of the software development life cycle and leading/ collaborating/ managing both onsite & offshore team.

My responsibilities include leading on architecture/design of web solutions and working with teams on improvements of development/deployment processes to capture more issues in development phases and produce stable production applications. Help team to support production troubleshooting and review the code for better quality of code.

Recent accomplishment:

- 🚩 **Worked in migration of older ASP.NET application to latest .Net Core web application /web api which handle about 700K registered user accounts which belong to 3K organisation/sub organization entities and have about 1.5 million room entities along with 1 million guest user which use MyRoom on various capacity.**
- 🚩 **Implemented SSO login for complex login polices as per organization/ domain using Two factor authentication/ OAuth2.0/SAML2.0/social media login.**
- 🚩 **Provided external OAuth Web api to major client for integration in their systems.**
- 🚩 **Handled various performance issues for website/ reporting.**
- 🚩 **Modernize some application as part of AWS migration using Reactjs, Nodejs, MongoDB, GraphQL and setup AWS EC2/S3/Amplify and cloud watch. Exposure to Azure cloud for using Azure Blob storage.**
- 🚩 **Volunteering at PMI-Silicon Vallery Chapter as PM**

SKILLS

• Architect/Design Experience

- 🚩 Expertise in designing/architecture of large & complex projects for both web Object Oriented modal and database model.
- 🚩 Good experience framework development and api services for other applications
- 🚩 Implemented Security for web Service Framework (REST API) using **asp.net core 6** with **SAML 2.0** and **OpenID Connect Auth2.0**
- 🚩 Also, current migrating old application to **.Net Core, ASP.NET, C#, MVC Razor view, Reactjs/Nodejs, HTML, CSS, SASS, AJAX, JAVASCRIPT, jQuery**
- 🚩 Good understanding of design patterns.
- 🚩 Extensive experience on UML modelling/Diagram and Technical design documents.
- 🚩 **Exposure to Cloud AWS Migration, participated discussion of AWS architecture for setting up AWS EC2 and S3 and setting up Cloud Watch for IIS logs and other alerts.**

- ✚ Also experience with hands on coding and setup for AWS Amplify for React Nodejs application with Mongo DB
- ✚ Provide some reporting solutions using GraphQL.
- ✚ Used Azure Blob storage for streaming of Video secure through MyRoom portal.

• Lead Experience

- ✚ Extensive experience on leading both onsite, offshore and near shore team (6+).
- ✚ Effectively managing/collaborating with developers during implementation phase.
- ✚ Major focus of managing development task and code review.
- ✚ Very self-motivated and highly committed to responsibilities and producing quality work.
- ✚ Experienced in estimation for projects both high level for year projection and detail level for development phase.
- ✚ Good experience on change management and process for quality improvement.
- ✚ Excellent communication skills and ability to work independently perform well within cross-functional teams.
- ✚ **Completed PMP certification in 2018 and doing Volunteer PM work with PMI SV.**

• Technical Experience

- ✚ Good experience in troubleshooting performance issues with Web issue & SQL Server with large volumes
- ✚ Expertise and good understanding of build automation, version control and deployment and troubleshooting to all environment (DEV, SIT, QA, Support, PROD)
- ✚ Good experience in creating razor pages, razor view, HTML, CSS, AJAX, JavaScript, jQuery.
- ✚ Experience on UI framework like React Js and AngularJs.
- ✚ Experience in using LINQ (Language Integrated Query) and the ORM model using ADO.NET Entity Framework/ Auto Mapper and hibernate.
- ✚ Proficient in writing SQL queries, stored procedures, function, triggers and views in both SQL Server and Oracle database.
- ✚ Experience in Testing, Debugging, Bug tracking and Application performance and System analysis.

WORK EXPERIENCE

HEWLETT PACKARD ENTERPRISE (HPE), Remote

Web Solution Lead/Architect, March 2016–present

- Lead web development team
- Contributed to architecture, design, and development for all features of MyRoom Web Portal, Administration and MyRoom web api.
- Majorly involved in evaluating strategies for revamping architecture for our next generation
- Currently migrating old application to .net core
- Also designed and implemented security /SSO features using **SAML 2.0 and AUTH2.0**

- Provide leadership in all areas of the development process, including development standards and practices, system architecture and design, functional and technical design and implementation, and unit and regression test design.
- Build storyboard/prototypes to rapidly iterate on the problem and zero in on the optimal customer experience.
- Provide guidance and mentoring to development team members.
- **Currently leading technical effort of migrating older MVC .Net applications to .Net core 6**
- Experience in Reactjs/Nodejs front end application for project "MyRoom Sites"
- Start in 2023, phases wise migration of our MyRoom Admin site to React js/Nodejs application with emphasis on microservices architecture & Domain driven design to enable docker container usage in future releases.

Technology Used: .Net Framework/ASP.NET 4-4.8., .Net Core 6/ ASP.NET 6, C#, SQL Server, MongoDB, Reactjs/Nodejs, HTML, CSS, XML, AJAX, jQuery, JavaScript & AngularJs. SPA development, Bootstrap, Grommet, Azure Function app, Azure Blob Storage, Azure SQL Database, Entity Framework 6.0, Auto Mapper, SAML, OAUTH, microservices.

Tools Used: JIRA, Jenkins, Octopus, GitHub/GitHub Action, Team Foundation Server (TFS), Confluence Wiki, VS Code, AWS EC2/S3/AMPLIFY/Lambda/CloudWatch, *Apollo explorer*, *Azure Portal*, *Azure Database*, *Postman*

WELLSFARGO BANK, SFO, CA

Web Development Lead, January 2012 – March 2016

Sr. Web Developer, Oct 2009– December 2012

Web Developer, Oct 2006 – Oct 2009

- Contributed to various application development during 10 years in various roles.
- Participated in various technical session to hash the requirement and consolidate all business rules to refactor.
- As lead, responsible for overall technical design of web service API contract.
- Major emphasis was on DDD design which can support extension, scalability and performance.
- Involved in development estimation and schedule for each phase.
- My responsibility also includes leading a development team (offshore and onsite), coordinating, collaborating, build, code review, and deployment for all changes.
- Also coordinating with ETL, QA team and Leading UAT effort for issue discussion and resolution.
- Helping project manager and build engineering on issue build and Production CR Creation and deployment.
- Also Support Postproduction Deployment
- Contribute to **architecture** & design & development of following application.
 - Minding the Store (MTS)
 - DSSG Framework Web Services
 - DSSG Report Web Services
 - DSSG Security Web Services
 - DSSG Org web Services
 - Accountability Tool

- Business Banking Credit Compliance
- Team Member Good Decision Accountability tool
- Participated in development of following application.
 - MTS FP&A Hierarchy Changes - ROYG
 - Non-Sufficient fund Report
 - Audit Logging/ Audit Viewer/BTS Certification
 - Regional Resource Planning (RRP) /SOCR

Technology Used: .Net Framework/ASP.NET 4-4.8., C#, SQL Server, HTML, CSS, XML, AJAX, jQuery, JavaScript & AngularJs. SPA development, Entity Framework, NHibernate, web services, SOAP

Tools Used: JIRA, Team Foundation Server (TFS), SharePoint portal, Visual Studio

ABN AMRO BANK, Ann Arbor, MI

Technical Lead/Architect, May 2005–Oct 2006

- Distribution of data to business for review and verification, (Includes supplying of any necessary support information) Website for publication of approved data and related texts.
- I am responsible in identifying the business logic, implementing them as components and the design and development of the Application. I was extensively involved in designing a service-oriented architecture for this application.
- Involved in Project Discussions and Requirement Specification. Developing functional specification.
- Understanding the new/existing requirements of the client and complete the query resolution and coordination with Client. Coordination with client and offshore team in all phases of project.
- Project Management activities and CR Management.
- Deployment at client environment and testing and delivery Responsibility.
- Defect Tracking and Code Release management.
- Working with offshore team on Database design and developing architecture for integration between various systems involved in this project.

Harman Becker Automotive Systems, Ann Arbor, MI

Project Leader, Apr 2004–Apr 2005

- Overall Project responsibility as Project Leader from Offshore.
- Requirements and Analysis: Understanding the requirements of the client and complete the query resolution and coordination with Client.
- Project Management activities and CR Management.
- Testing and delivery Responsibility. Working with Developers on day-to-day problems.
- Involved in maintaining the coding standards for ASP.Net, C# and VB.Net code. Code Review across different modules, assigning tasks to Developers, Communicating with Other Project Leads, Product Managers and Test Lead. Interaction with Third Level support related to High Priority Tickets.
- Worked with the customer to fix UAT bugs and issues.

Newgen Software system, Delhi, India**Group Leader**, Jan 2001–March 2004

- Project Plan and Estimation for new requirement and customer specific customization.
- Work distribution between team member and other coordination's for both support and development team.
- Interacting customer for defect raised and support required.
- Assigning Change request and work orders to support team and following up to implementation.
- Overall responsibility of Releasing version to Marketing Team
- Analysing defects for all versions and improvements strategy to control serious defects. Executing test plan and controlling deliveries.

Volunteer/Part-time work

Project Management Institute Silicon Chapter (PMI-SV), Silicon Valley, CA**PM (Volunteer)**, April 2023–Present

- Volunteering as Project Manager at PMI-SV in managing their workshop/ event planning, posting and management.

SHC Pacific, Remote, CA**Senior Engineer(part-time)**, May 2022–Oct 2022

- Worked for 6 month Part-time for Health Care project. (<https://www.omo.md/>)
 - Prepare technical documentation for client presentation.
 - Completing UI workflow for use cases.
- New Database design and created database API using Xeno Db

EDUCATION/CERTIFICATION

- Scrum Master Training 2020
- **PMP Certified**: Danville, 2018
- **MSc. Computer Science**: BANASTHALI VIDYAPITH, RAJASTHAN INDIA (1995–1997)
- **BSc. Computer Science**: DELHI UNIVERSITY, DELHI INDIA (1992–1995)