

Narasimhan DevarajanLakshmi



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Profile

- 13+ experienced Dot Net Developer
- Seeking a Technical Architect role
- Proficient in C#, .NET & Azure
- Good Requirements Analysis & Documentation skills.
- Proven Debugging & Problem-solving Skills
- Excellent Communication Skills (Spoken & Written)
- M.Tech Software Systems & B.Tech CSE. (VIT Vellore)
- Extended Working knowledge in Azure App Services, ACI, AKS, Hosting Enterprise Web Apps on Azure, Azure Service Bus, Azure SQL Server, Azure Cosmos DB, Blob Storage and Azure OMS (Monitor, AppInsights, LogAnalytics)
- Taught Myself Flutter & Dart and Published www.lakshmi.dev to Play store.
- Proficient in System Analysis and Integration.
- Proficient in **Hands-on** Development of client-server database, API, Azure applications.

Skills

C# # SQL # ReSharper
ASP.NET Web API # ASP.NET Core
Microsoft Azure # SQL # Azure Cosmos DB
Visio # GraphQL # Xamarin # git
Application Performance Management
Azure App Service # Azure SQL DB
AKS, ACI, Docker, K8s # Azure DevOps
Azure Service Bus # Azure IoT Hub
Azure Event Hub # Azure Data Studio
Azure OMS # Azure App Insights
Azure Cost Management and Optimization
ADLS, Blob Storage # WCF Services
Digital Transformation # IT Strategy
Edge computing, IoT, Hybrid Cloud

Work experience

01/2020 – PRESENT BANGALORE, INDIA
Lead Software developer/Application Architect
Siemens Gamesa

- Development of the client-server database application for Digital Transformation Use Cases. (as a Hands-on Developer)
- Communication with the Customer, coordination of the project team.
- Ensuring the deployment of high-quality deliverables to the client environment.
- Mentoring junior consultants, training of clients and internal staff.
- Providing technical architecture expertise and solution design guidance.
- Working with stakeholders to define requirements, deliverables, milestones and SOW.
- Responsible for microservice migration & Containerization of application into AKS, K8s.
- Creating and documenting the architecture Document records for every technical decision taken. (graphviz)
- Programming and developing the new solution ground up on ASP.NET Core Web API & Azure SQL DB Backend.
- Responsible for merging code changes by team members onto azure Devops and work updating on Devops boards/sprints.
- Periodically refactored and ensured good code quality, through peer-review and feedback-based Optimization.
- Writing technical documents in Wiki pages (Azure Dev ops)
- Writing code in .NET Core along with Azure components like Service bus, logic apps, function app etc.
- Security implementation for front-end and backend using Microsoft AD app registration and token based authentication for inter applications communication.

Work experience

- Deployment through Azure pipelines - CI/CD
- Application integration of data science, front end (React) and back end (.net core)

02/2019 – 08/2019 BANGALORE, INDIA

Principal Software Engineer Dell Technologies

Worked for Dell through NexiiLabs.

- Responsible for .NET to .NET Core Migration of Web Applications & API
- Creating and Validating Specifications of REST APIs for Internal use.
- Documenting the Specifications and Systems in place in a Class 2 application.
- Developed on Entity Framework, MongoDB and GraphQL for a Pilot PoC Effort.

07/2017 – 11/2018

BANGALORE INDIA, NETHERLANDS

.NET Developer LDH Lagerinn Dutch Holding. End Client:www.jysk.ca

Project : Retail Inventory Management for Lagerinn Purchase Office(China) & Stores(Europe & Canada)

Project Description :

Lagerinn Dutch Holding provides technology solutions to www.jysk.ca. The inventory at its 120 physical stores is managed using a Retail inventory management(pre-Developed).

Team India, Maintained & supported this application, while re-engineering it into a new Web-Based Solution.

Team Size : 7 Members.

Role : .Net Developer LDH.

Technologies Used : Winforms, EF, SQL Server 2012, C#.NET, REST API(thru ASP.NET Web API), git, VS 2017, Resharper, NDepend, Angular, IIS7, Swaggerhub, inversionapp, axosoft.com

Responsibilities:

- Supporting a Traditional Winforms .NET on C#, SQL Server & Entity Framework Application
- Creating the architecture of newer Products & Solutions using Visio & Word.
- Creating Front end workflows & client-side validations using inversionapp.com 's tooling.
- Fixing issues & taking up work items tracked using jysk.axosoft.com 's Agile Task Management tool.
- Migration and Modernization of ASP.NET Web API to .NET Core & Azure SQL DB Backend

Work experience

06/2015 – 12/2016 BANGALORE, INDIA

Technology Lead Infosys

Project : Petrel – Petroleum UPstream –

Application Development and Maintenance (ADM)
Project Description : Worked in the Energy domain on data services for reservoir engineering. Application maintenance and support for a customer defined plugin, we provided application maintenance support for a large maintenance contract. Engineering and maintaining 2 different plugins on Reservoir engineering and Surveys.

Team Size : 3 Members.

Role : Team Lead.

Technologies Used : C#.NET, OCEAN API, TFS, MSBuild, Nunit, VS 2016 and Resharper

Responsibilities :

- Involved in communicating and planning via a portal from TFS within and across teams.
- Developing with C# (5.0) on .Net (4.5.2) maintaining data on flat file data stores with the team and fixing issues working closely with US/Indian Client counterparts providing application support.
- Periodically refactored and ensured good code quality, through peer-review and feedback based Optimization.
- Responsible for merging code changes by team members onto TFS and work updating on internal portals.
- Involved in Trainings and Learning Program as a moderator for Angular v1.4.7

03/2012 – 10/2014 WESTERN EUROPE, BELGIUM

Senior Software Engineer Indecomm Global Services

1. Product: Summix – Risk management, Compliance & regulatory reporting

Product Description: Working from our Client Location - GentBelgium, our team helped our Wolters Kluwer Financial Services, a major software player in Regulatory-Compliance Software market; re-engineer a data-intensive system into the latest Frameworks, re-engineering and Improving Code Quality.

Module: Asset and Liability Management creating a robust risk management solution on C#.NET, MS SQL Server for by merging two duplicated code bases, performing Code Improvement & Solution Integration.

Role: SQL, C#.NET Developer. (Lead Consultant)

Technologies Used: C#.NET, SQL Server 2012,

Work experience

MSBuild, Nuget, Jenkins.

Description: Refactored aligning with CI on C#.NET and T-SQL translating core functionality to Domain Services in phases.

Responsibilities:

- Developed & Implemented Business & Functional requirements on SQL Server 2012 and C#.Net.. Responsible for **Design** and development of High quality code and Introduction of optimizations.
- Followed a strict agile practice, and involved in Design/conception stages of Integration with SOA.
- Involved in de-coupling by migration of 2-tier applications to 3-tier solutions with services implemented by cross functional teams abstracting the Database and Specific redundant Product level functions.
- Involved in communicating and planning via a portal from JIRA within and across teams.
- Involved in maintenance and resolution of issues in **cross functional project** team and fix issues working closely with the application support.
- Periodically refactored and ensured good code quality, through peer-review and feedback based Optimization.
- Followed and implemented high level design considerations as proposed by the Architecture planning (PAB) and steering committee discussions-decisions.
- **Strong collaborator**, always going that extra mile to ensure, complete understanding and **transparency**.

1. Project: Expense Green thread prototype

Product Description: Working at an extended development centre in Bangalore, we helped our client, a major software player in Mutual fund industry; re-engineer a legacy system to a cloud based solution on a new SOA.

Module: Expense Payments – Contractual fee (captures and produces all information associated with contracts across funds, fund classes, vendors etc. into a single comprehensive system and performs forecasts & analytics)

Duration: 11 Months (March 2012 to Jan 2013)

Team Size: 14

Role: ASP.NET, C#.NET Developer, VB6 Developer.

Technologies Used: VB6, C#.NET, ASP.Net, Webforms, VS2012, TFS, Windows Azure

Description: The Objective is to contribute to the iterative development of a Centralized cloud based solution built on ASP.Net and Azure, following a

Work experience

Domain Driven design development model.

Responsibilities:

- Developed & Implemented Business & Functional requirements on ASP.Net and Entity Framework.
- Responsible for **Design** and development of High quality interoperable components.
- Followed a strict agile practice, and involved in Design/conception stages of Integration with Cloud.
- Integrated DB services with a Windows **Azure** platform **cloud** based Database.
- Involved in maintenance and resolution of issues in a VB6 project, as a **co-located** team at the Indian EDC.
- Periodically refactored and ensured good code quality, through peer-review and feedback based Optimization.
- Followed and implemented Domain Driven Design and other high level design considerations as proposed by the Architect's Vision.
- Intense Experience in TFS 2010, and collaboration tools such as Join.me, Microsoft Test Manager.

11/2010 – 01/2012 BANGALORE, INDIA

Software Engineer

Thomson Reuters

Product: Portfolio Warehouse

Product Description: Core Infrastructure Products and related Services for Portfolio Analytics and Storage.

Module: Portfolio Warehouse (A large scale system facilitating clients to upload their portfolios & other financial data)

Duration: 13 Months (Oct 2010 to Jan 2012)

Team Size: 20+

Role: C#.NET Developer

Technologies Used: C#.NET, HTTP APIs, JSON & XML, WCF, WinForms, Web Services, Windows Services, Windows Server 2008, TIBCO messaging.

Description: The Objective is to contribute to the iterative development of a Centralized Portfolio Warehouse which handles the entire life cycle of portfolios, right from ingestion, to consumption and help integrate with various views and evolving teams that are planning to use Portfolio Data, in turn empowering Thomson's customers.

Responsibilities:

- Developed & Implemented Sharing of Portfolios to dynamically changing user groups and hierarchies.
- Developed & Integrated Caching for a particular type of Portfolio's which enhanced Speed of request.

Work experience

- Involved in planning for fixes & Enhancements, regular release cycles, and Agile Processes & Scrum meetings.
- Interacted and facilitated in Scheduled maintenance activities, Regular deployment, packaging and other delivery needs
- Involved in proposing patches, implementing bug fixes, enhancements & performance optimizations.
- Interacted with teams across the globe, understanding and helping them out with Portfolio Information.
- Empowered Thomson Reuters' flagship products, Eikon and Thomson One, with Valuable Portfolio Data.

12/2007 – 06/2010 BANGALORE, INDIA

.Net Developer O2H Surewaves Pvt Ltd

Product: Surecast Application Suite

Product Description: An application suite developed for use in the Digital OOH TV Solution and Spot Advertising Solutions that primarily serve the purpose of

- Building spot TV ecosystem for geo-targeted TV advertising partnering with broadcasters & Cable MSO's
- Creating a media play out mechanism for the Digital OOH Signage which drives viewership & engagement.

Module: SplitScreen (Surewaves' signage bundled media player.)

Duration: 18 Months (Oct 2008 to June 2010)

Team Size: 20+ (5+)

Role: C#.NET Developer

Technologies Used: C#.NET, HTTP APIs, JSON & XML, WPF, WinForms.

Description: The Objective is to develop a Customized Media Player capable of Content aggregation & Dynamic Split View, with multiple layouts customizable based on XML & control playback of these contents.

Responsibilities:

- Developed & Optimized Inter-tier data transfers, Multimedia content Streaming & reporting.
- Developed & Tested a File Transfer utility for Upload to a Web Server using HTTP programming on C#.
- Involved in proposing patches, implementing bug fixes, enhancements & performance optimizations.
- Resolved field issues by analyzing logs and implementing bug fixes, Release to Testing & customers.
- Responsible for developing a UI based tool for media ingestion that integrates with media

Work experience

consumers.

Product: Sureview Media Grid.

Description: An integrated ad aggregation, content delivery, Network management, media planning & reporting platform. URL: <http://mediagrid102.surewaves.com/surewaves/>. The Challenge is to create a Highly Scalable, Customizable & Collaborative media aggregation platform, to users like, network owners, managers & advertisers.

Team Size: 5-10

Duration: 10 months (Dec 2007 to Oct 2008)

Role: PHP Developer

Technologies Used: PHP, Ajax, CSS, MySQL, Apache, Linux, JavaScript, XML & JSON.

Responsibilities:

- Involved in the complete web application development life-cycle.
- Scripting on functional and business Logic based on requirement in PHP & JavaScript.
- Deployment and LAMP Stack configuration on Amazon elastic compute cloud (ec2) & S3.
- Exposed APIs for Client-Server interfacing & Automated testing using Ruby-Watir.
- Followed MVC Design pattern, Performed data Validation & enhanced user experience using AJAX.

Education

01/2013 – 06/2016 PILANI, INDIA

Master's Degree Birla Institute of Technology and Science, Pilani

- Work integrated Learning program in Software Systems
- 2012ht12274@wilp.bits-pilani.ac.in
- Data Structures & Algorithms, Software Engineering, Quality Management.
- *Cumulative Grade Point Average (on a scale of 10) : 6.96*

06/2003 – 12/2007 VELLORE, INDIA

Engineer's Degree Vellore Institute of Technology Computer Science and Engineering:

- Computer Programming Object-oriented Design & Development, Algorithms and Data Structures
- Graph Theory & Applications & Operating Systems

Education

GPA (on a scale of 10): **7.44** Dec 2007
Higher Secondary (1109/1200): **93%** June 2003
10th (CBSE) **75.20%** June 2001

Strengths

- # Excellent Communication & Documentation
- # C# Entity Framework and SQL Data Models
- # Design Thinking & System Design(MVPs)
- # gRPC, ASP.NET Core, Firebase & NoSQL DBs
- # .NET Core, .NET Standard and .NET 4.8(5)
- # Writing

Certificates

01/2019
70-533
Microsoft
Microsoft Certified Solution Associate

- Providing technical architecture expertise and solution design guidance.
- Ensuring the deployment of high quality & right resources to clients.
- **Microsoft Certified Solutions Associate**

02/2022
AZ-900
Microsoft Azure Fundamentals
<https://www.credly.com/badges/7fe2426e-8fed-4f67-a5da-3fa33780502e>

- Azure Cloud Solutions Practitioner.

Social Media



LinkedIn Profile



/narasimhandl



@narasimhandev

Personal Portfolio website

SimpleGSTCalculator

Languages

