Ramya Anand

Full stack Developer   C# .NET Core| Angular | Azure Cloud

.NET Application Developer with around 14 years of experience in web application design and development. Microsoft Azure certified Cloud Developer with experience in cloud migration projects. A continuous learner and an AI enthusiast

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📍 Ottawa, Ontario   in linkedin.com/in/link-ramya-anand

WORK EXPERIENCE

Full stack Developer
Modaxo (Constellation Software, Canada)

06/2021 - 04/2024   *Mobility on Demand*

Job Description / Tasks

- One Mobility is a cloud based Angular application for end-to-end transit services that provides more efficient and predictive processes for better user experience
- Improved on Schedule editor module that drastically increase automation on scheduling and dispatching to achieve operational efficiencies and productivity
- Worked on MDT-center module that handles real-time information and messaging capabilities with server less architecture using Azure functions and events
- Implemented Azure AppInsights logging and analytics in the frontend and backend services for querying Error and Event tracing
- Created Microservices Api communication mechanism to subscribe and publish pub sub messaging using Service bus channels
- Created and performed Azure load testing modules for performance testing and tuning the application
- Used Azure workflows for user flow tracking and transaction monitoring

Senior Application Developer
Virtusa (CIBC - Capital Market, Canada)

02/2020 - 06/2021   *Global Entity Onboarding*

Job description /Tasks

- Worked on the IT Transformation project for CIBC Capital Market Technology to implement cloud based hybrid solutions for the Client Onboarding and Regulatory system
- Designing and developing .Net Core Microservices with support for OData filtering to query using Entity Framework Core capabilities
- Experience in Test driven development using XUnit, Moq framework and Parasoft for API testing
- Managing Azure Devops build and release Pipelines for continuous integration and deployment of application code
- Had an exposure on React UI developing a few components and fixing up issues

TECHNICAL SKILLS

Languages
C#, Python

.NET Technologies
.NET Core API, ASP.NET Web API, ASP.NET MVC, Entity Framework

Front-end Technologies
Angular 13. ngRx, HTML5, CSS3, SASS, JavaScript, Typescript, JSON, XML

Unit testing
XUnit, NUnit, Jasmine & Karma (Angular)

Database
MS SQL Server, IBM DB2

Version Control
Git, TFS, Subversion, VisualSourceSafe

Cloud services
Azure App Services, Azure Functions, AppInsights, KeyValuts, Storage Accounts, Azure SQL DB, ServiceBus

IDE
Visual Studio 2022, Visual studio Code

CERTIFICATIONS AND COURSES

Microsoft Certified Azure AI Fundamentals (02/2024 - Present)
Certification number: D4060E-F2BCCD

Microsoft Certified Azure Developer Associate (06/2020 - 06/2022)
Certification number : H441-2531

REST APIs in .NET Core and C# (08/2019)
Udemy

EDUCATION

Masters in Computer Applications
Anna University, India
06/2006 - 05/2009

Bachelors of Science, Mathematics
Annamalai University, India
06/2003 - 05/2006

WORK EXPERIENCE

Lead - Application Development
Bank of NewYork Mellon, US / India

07/2017 - 12/2019   *Green Field Migration*

Job Description /Tasks

- Worked on the Greenfield project to cloud enable the Treasury Trade Applications using lift and shift strategy, refactor to the security standards of Cloud
- Implemented Authentication mechanism using Open ID Connect over OAuth 2.0 protocol to authenticate Application login user
- Implemented Configuration Management through Secrets Management Key-Vaults and APIs using client ID and secret keys
- Built .NET Core REST APIs with loosely coupled services using Repository design pattern and Dependency injection for Imaging Automation

Technical Lead
iNautix Technologies, US / India

07/2014 - 06/2017   *Trade NEXEN migration*

Job Description /Tasks

- Experience in designing and implementing Single Page Responsive Application using Angular components and directives
- Analyzed, designed and created REST API resources, services and controllers using ASP.NET Web API to generate JSON
- Strong experience in Test-driven development using NUnit and Postman for API validation

Senior Application Developer
iNautix Technologies, US / India

04/2012 - 06/2014   *IGC Remediation, Fircosoft*

Job Description /Tasks

- Addressed Ethical hacking vulnerabilities like cross-site scripting, sql injection
- Designed and developed Validation Framework for server side and used Ajax control toolkit for client side validation
- Integrated with Fircosoft services for screening of accounts and transactions against sanctions for compliance

Application Developer
iNautix Technologies, US / India

07/2009 - 03/2012   *LC Expiry, GTS Ops Efficiency*

Job Description /Tasks

- Improved performance efficiency of batch process by eliminating redundancies and reduce processing time
- Translated design to zero defect code for assigned tasks by ensuring 100% adherence to coding standards & testing guidelines
- Identify, escalate and track issues identified through peer review, unit testing & integration testing

LANGUAGES

English
IELTS General - Band 8

French
DELF - A1

AWARDS

Take a Bow Award (11/2018)
BNY Mellon Technologies

- Recognized for 'Connecting the Dots' for collaborating between teams, commitment and continuous support towards completion of NEXEN migration on time.

Applause Award (11/2017)
BNY Mellon Technologies

- Recognized for 'Driving and Delivering Excellence' for the quick turn around in Trade -Nexen API development and for grooming API expertise in offshore.

Bravo Award (07/2016)
iNautix Technologies

- Recognized for 'Cultivating High Performance Culture' for providing design proposals that helped in building a robust API for IGC and being proactive in identifying potential issues during development.

Take a Bow Award (08/2015)
iNautix Technologies

- Recognized for 'Managing Risk' for being diligent and proactive in production implementation monitoring activities.

Extra Mile Award (07/2014)
iNautix Technologies

- Received Award for optimizing the Tracer tool and working towards Performance Efficiency and Cost savings.