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**.Net Full Stack, Senior Applications Engineer**

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| **PROFESSIONAL SUMMARY** |

With over 16 years of experience in designing, developing, and implementing solutions across various domains such as healthcare, security access control, and telecom, I have worked with technologies including C#, .NET 5.0/6.0, ASP.NET (Web/Win Forms and MVC), REST APIs, HTML, CSS, JavaScript, jQuery, AJAX, ADO.NET, XML, AWS, Azure, and SQL Server (SSRS, SSIS, SSAS). I have gained exposure to all phases of the SDLC and have worked in Agile and Scrum environments. Additionally, I possess a strong understanding of SOLID principles, OOAD, and OOP.

* Extensive experience with **.NET Framework 6+** and **Client/Server** technologies.
* Hands-on expertise in implementing **Microservices**, **MVC**, and **DDD** (Domain-Driven Design).
* Proficient in building **Single Page Applications (SPAs)** using **HTML5**, **CSS3**, **Bootstrap**, **Angular**, and **ASP.NET MVC**.
* Strong experience in designing and developing rich graphical UI components with **Kendo, Mvc,** and **jQuery**.
* Experienced in **WPF**, **REST APIs**, **SignalR**, **WebSockets**, **C#**, **PHP**, and **ORM** tools like **Dapper**.
* Hands-on expertise in integrating message brokers such as **Qpid**, **RabbitMQ**, and **Kafka**.
* Well-versed in **Data Management** with **SQL Azure**, **Blob Storage**, and **Cosmos DB**.
* Skilled in developing **REST APIs** using **.NET Core**, **GraphQL**, **gRPC**, and **RPC**.
* Implemented **full-text search** functionality using **Apache Lucene.NET**.
* Experience in building **NuGet packages** and publishing them to **JFrog Artifactory**.
* Developed **AWS Lambda functions** for backend processing and integrated **SQS** and **SNS**.
* Proficient in writing **PowerShell** and **Windows batch scripts** for deploying and managing resources on **Azure** and **AWS**.

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| **EDUCATIONAL QUALIFICATION** |

* Post-Graduation: M Tech – Software Systems, Work Integrated Learning Program (**WILP**), BITS-Pilani, Rajasthan, 2017 – 2019
* Post-Graduation: MCA – Master of Computer Applications, Osmania University, 2003 – 2006

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| **CERTIFICATIONS** |

* [AZ-900: Microsoft Azure Fundamentals](https://docs.microsoft.com/learn/certifications/exams/az-900) [Microsoft Certified: Azure Fundamentals - Credly](https://www.credly.com/badges/460ba03f-8345-441c-b853-0042b6550654/linked_in?t=rigshd)
* AZ-204: Microsoft Developer Associate
* CLF-C01: AWS Certified Cloud Practitioner [AWS Certified Cloud Practitioner - Credly](https://www.credly.com/earner/earned/badge/03f29a49-85b9-4908-afe8-e374fa5396c7)

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| **TECHNICAL SKILLS** |

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| **Architectures** | Client-Server, Distributed N-tier, Service Oriented (SOA), Microservices |
| **Programming Languages** | C#.net (8.0+), jQuery, Angular, ReactJS, Nodejs, Python, TypeScript |
| **AWS** | AWSSDK Core, S3, SNS, AppStram-2.0, CloudFront, EC2, EBS, Lambda, Open Search, Cloud Watch, X-Ray, AWS Code Deploy |
| **AZURE** | App Services, App Service Plan, Function Apps, SBNS, Logic Apps, Service Accounts, IOT HUB, Azure CLI, Storage Blobs, PowerShell |
| **Containers** | Azure Kubernetes Service, DOCKER |
| **Message Broker** | Apache Qpid, RabbitMQ, Kafka, Event Stream, AWS-SNS |
| **RDMS** | SQL SERVER, SSRS, SSIS, PostgreSQL, DynamoDB, MongoDB |
| **WEB** | ASP.NET, (WebForm and MVC), WCF, Window Services, REST APIs, HTML, CSS, XML, JSON, IIS |
| **Cyber Security Tools** | SonarQube, White Source, Coverity, Burp Suite, Black Duck |
| **Tools** | VS 2022, VS Code, Rally, JIRA, SWARM, GIT, Team City, Perforce, GitHub, Confluence, Miro board, Lucid Chart, graphviz |
| **Reporting Tools** | SSRS, SSIS, Power-BI, and JReports |
| **WORK SUMMARY** | |

**ConnectiveRx, Affordability - BuyAndBill - *Sr. Applications Engineer***

**New Jersey | Oct 2025 – Till Date**

The Buy-and-Bill system is one of the healthcare business models commonly used for administering or infused drugs in healthcare settings. It works, the provider (e.g. doctor or hospital) purchases the drug or treatment upfront. Healthcare affordability refers to the ability of individuals and families to pay for necessary medical services without experiencing financial hardship. It is a critical issue in many countries, including the United States.

**Responsibilities:**

* Worked in an Agile environment following Scrum methodologies.
* Developed REST API services and deployed them to AWS EC2 for seamless integration with other healthcare systems.
* Designed and developed AWS Lambda functions to process EDI pharmacy claims.
* Developed an OCR (Optical Character Recognition) solution using AWS Bedrock to generate JSON blueprints from medical e-fax claim image documents.
* Worked with microservices architecture for modular and efficient application development.
* Optimized applications for performance, security, and high availability.
* Deployed and managed applications in the AWS cloud using services like Lambda, ECS, API Gateway, S3, and DynamoDB.
* Implemented CI/CD pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy.
* Ensured compliance with healthcare regulations such as HIPAA.
* Implemented data encryption, access controls, and secure authentication mechanisms.
* Optimized database queries for efficiency and performance.
* Debugged production issues using AWS CloudWatch, X-Ray, traces, and other monitoring tools.
* Collaborated with healthcare analysts, business teams, and other developers to ensure successful project delivery.
* Actively participated in code reviews, technical discussions, and documentation efforts.

**Technologies:** VS-2022/VS-Code, .NET Core/.Net 6+, C#, MVC, PHP-7, NPM, Node.js, AWSSDK.Core, AWSSDK.S3, IAM, SNS, API Gateway, EC2, Lambda functions, AWS CloudFront, AWS Code Deploy, REST APIs, HIPAA, OAuth 2.0, OAuth, JWT, OpenID, Dynamo DB, Confluence, **DevOps & CI/CD** (Git, AWS Code Pipeline, Jenkins), PuTTY, PostgreSQL

**Honeywell, OnGuard – Cumulus Cloud - *Sr. Lead Engineer***

**Charlotte, NC | June 2022 – Sep 10, 2024**

OnGuard access control is delivered as a cloud-hosted, single-tenant Software as a Service (**SaaS**), model managed and maintained by LenelS2/Carrier Global Corporation.

* Developed AWS Tenant Instance infrastructure and **AppStream** User Creation
* Designed and developed frontend WEB Application using .NET **Core, Kendo MVC, AJAX, JavaScript, jQuery**
* Implemented flow to integrate Configuration of Systems - licensed features, system HW profile
* Published purchase Order reports to AWS S3 using AWSSDK.S3
* Implemented wrapper to support real-time notification services using **AWSSDK.SNS**
* Implemented TDD by writing N-Unit test cases for **REST API** services
* Implemented **Amazon OpenSearch** Service to analyze IOT device(s) real-time log analytics, application monitoring
* Implemented full-text search using **Apache Lucene.NET**
* Deployed core modules in QA ENV from DEV ENV using **GitHub** CI/CD pipelines
* Deployed SQL script changes in DEV/QA/PROD using the **VS schema comparison** tool

**Technologies:** VS-2022, Kendo MVC, AWSSDK.Core, AWSSDK.S3, SNS, AppStram-2.0, API Gateway, EC2, VPC-Peering, WAF, Lambda functions, AWS CloudFront, OpenSearch, AOAGS, AWS Code Deploy, REST APIs, OAuth 2.0. Miro board, Confluence, GitHub, ATLASSIAN, Source Tree, Rally, Swagger, Figma, graphviz

**Honeywell, ONGUARD ELEMENTS- *Sr. Lead Engineer***

**Rochester, NY | Apr 2017 – May 2022**

OnGuard Elements is a Building Security **Software-as-a-Service** offering that provides cloud-hosted Access Control, Intrusion, and Video Surveillance. The hardware providing security features is on-premises, but all management, monitoring, and configuration of the product is in the cloud.

* Implemented UI functionality and reusable components using the ReactJS framework.
* Developed event-driven, serverless modules using Azure Functions and deployed them to the cloud.
* Designed and implemented server-side APIs using Happy-API packages.
* Developed Kubernetes manifests and deployed an Azure Kubernetes Service (AKS) cluster using Terraform.
* Collaborated closely with the cluster administrator to ensure applications are deployed and running correctly within the cluster.
* Created Docker.yaml files to manage service start/stop processes.
* Developed Service Bus workflows to facilitate communication between microservices.
* Actively involved in implementing app security using JWT/OAuth2 token-based authentication.
* Collaborated with the global team to prepare Administration, Release, and Hardening guides.

**Technologies:** VS Code, C#.Net, ReactJS, Redux, ExpressJS, NodeJS, Rest API’s, Npm modules, Happy, JOI, Lodash, Swagger, GitHub, GitHub Actions, Hooks, eslint, stylelint, webpack, Jenkins, JFrog Artifactory, Microservices Arch, **Azure:** App Services, App Service Plan, Function App, Logic Apps, IOT HUB, Azure CLI, ARM Templates, Storage Blobs, VNET, Power Shell, SWARM, Rally, Cosmos DB, MongoDB, AKS, DOCKER

**Carrier, ONGUARD - *Lead Engineer/.NET Developer***

**Oct 2015 – Mar 2017 | Rochester, NY**

Extensive enhancements to OnGuard version 7.6 create a more scalable, accessible and cloud-compatible enterprise security platform. Version 7.6 also enriches essential operations, including IT compliance, cybersecurity, reader and card technology, and browser client usability.

* Developed web-based Front Desk, Visitor Management applications
* Hosted web application in the Azure cloud as **SAAS** model
* Migrated database from on-premises to AZURE SQL DB
* Design and implement message bus layer supports **Qpid**, **RabbitMQ** client integration
* Developed Pub-Subscribe asynchronous notifications model using **jquery.SignalR**
* Experienced run the product with Cyber Security tools like Coverity, White Source, and Burp Suite
* Developed build scripts to support CI/CD integration
* Collaborated with a global team to prepare Administration, Release, and Hardening guides

**Technologies:** AZURE App Services, AZURE SQL DB, C#, ASP .Net MVC, Web API, REST API, Angular 7, AngularJS, SQL Server, Swagger, Rally, Perforce, Team City, SWARM

**Delta Technologies, Grower Management System – *Senior Lead Developer***

**May 2014 – Sep 2015 | Hyderabad, India**

* Developed **WPF** and **mobile applications** with a focus on **data security** and **WCF services**.

**Tech Mahindra, Asset and Liabilities Management – *Senior Software Engineer***

**Jul 2008 – Apr 2014** | **Hyderabad, India**

* Led development efforts in financial systems, implementing robust **C#** applications and **WCF** services.