# **Summary**

I have Extensive experience in Programming .Net Core / API’s and implementation and SQL backend projects.

My latest work involves designing Microservices with the usage of .Net Core framework, AWS Cloud, Mongo DB, PostgreSQL and DevOps tools. I have 13+ years of experience in developing & testing Web-based applications on .Net technologies in all phases of the Software Development Life Cycle (SDLC) which includes User Interaction, Business analysis/ Modeling, Design/Architect, Development, Integration, Planning, and management of Builds, Configuration, Code Management, Production/Customer Support, Maintenance, Enhancements, and Quality Control, Testing, Implementation, Documentation.

* of multi-tier applications using web-based technologies like **Node.js , Angular, Asp.Net, Asp.Net MVC, .Net Core, C# .Net, Web Services, Angular JS, React, React Native, .Net Core Web Api’s,** and **SQL**.
* Utilizing **Docker** to containerize Micro-services applications, streamline deployment processes, and ensure consistency across development, testing, and production environments and enhance scalability and portability.
* Developing dynamic user interfaces using **Angular, jQuery, JavaScript, NPM** along with **HTML, Bootstrap and CSS** to create responsive and interactive web applications.
* Strong understanding of **Angular** architecture, component-based development, and dependency injection.
* Designing, optimizing, and debugging APIs using **RESTful** architectures for secure and efficient data retrieval and processing.
* Proficient in accurately estimating tasks.
* Consistently delivers results within specified deadlines.
* Perform code reviews and work with developers to maintain code quality and best development practices.
* Proficient in working on e-commerce frameworks of SAP Commerce Cloud and Oracle OTM.
* Possess good hands-on experience on Transport Management System (TMS), Carrier communications (FedEx, UPS, DHL, etc...) Reporting and ERP Engine Integrations, WCMS, business processes, Schedulers, API registry services.
* Creating technical documentation using flowcharts and architectural diagrams for effective communication.
* Participating in **Agile/Scrum** environments, adapting to changing requirements, and delivering high-quality software solutions.
* Exposure to CI/CD concepts, including setting up build and deployment pipelines using **Jenkins**, optimizing software delivery processes for efficient and automated deployment of code changes.
* Collaborating with cross-functional teams to manage data flows and ensure seamless integration across the organization**.**
* Experienced in using Kibana, Dynatrace and Splunk tools to troubleshoot logs, performance issues and reports.

# **Skills**

Net Core | Node.js | Angular | React | .Net Core Web API’s| ASP.Net | ASP .Net MVC | C# .Net | MS SQL Server | API Integration | Microservices | REST | Angular JS | | React Native| Typescript | Oracle OTM | IIS | IBM MQ | jQuery | JavaScript | AJAX | XML | JSP | JSTL | JSON | YAML | Azure | AWS | Helm Charts | OAuth2 | JWT | Docker | Kubernetes | Netty | Bitbucket | GitHub| VS Code | Visual Studio | Postman | SOAP UI | Kibana | Splunk | Dynatrace | Mockito | Jasmine

# **Certifications**

* Microsoft Certified Developer Associate – Certified

# **Professional Experience**

**Technical Team Lead** *December 2020 – Present* **Elemica Inc**

Elemica is a leading TMS software provider and creates high-impact connections that transform your supply chain performance, efficiency and economics. offering comprehensive solutions for industries such as oil and gas, chemicals, manufacturing, and more. Their innovative systems and software help optimize industrial operations, and improve overall efficiency in shipping.

* Worked on multiple clients **Microsoft, GE, Lam Research, Intel**
* Implemented .Net Core Web Api’s for black box shipments.
* Implemented single code-based solution with Angular and .Net Core back-end services.
* Engineered responsive Single Page Applications (**SPAs**), by using **Angular,** **Node.js, Bootstrap, HTML, and CSS**.
* Developed robust and reusable Angular services for data fetching, state management, and business logic encapsulation.
* Enhanced the rendering of multi-level configurator page based on the variant configuration response.
* Created custom attribute and structural directives to extend HTML capabilities and provide reusable behaviors across the application.
* Resync the Azure data sync with standard database daily using **Scheduler Jobs** by consuming the Data from Microsoft AZURE Endpoints for **Microsoft Client**.
* Authored comprehensive technical documentation, including guides, diagrams in confluence, and **Swagger API** documentation to facilitate onboarding of new team members.
* Creating and executing unit, integration testing using Mockito framework.
* Involved in preparing the cutover steps and supporting production deployment releases.
* Involved in technical direction for the development, design, and systems integration across multiple client engagements from definition phase through implementation.

Projects Summary:

Client: **Microsoft**

Project Title: **Microsoft Mail Room Management System**

* This project offers a mail room management system to **Microsoft**.
* It helps to Move packages internally from front desk to every employee.
* Implemented incoming tracking based on different carriers like FedEx, UPS etc.
* Implemented Microsoft Azure Active directory for Single Sing on.
* It helps to track both the incoming and outgoing packages.
* Added Azure data lake from Microsoft Azure data services to Mailroom.
* Implemented Automatic schedules for validating the Microsoft users active or inactive.
* Developed End of the day data submission process by using SFTP.
* Added Carrier and internal tracking system with in the application.

Client: **GE Oil and GAS**

Project Title: **xCarrier Outbound Transport Management System (TMS)**

* This project helps to ship the shipments from GE plants to destinations.
* Implemented Specific routing engine for **GEO&G** this program finds the best rule for the shipment.
* Implemented Freight shopping for it communicates with various carriers and gives the best rates for shipping.
* Added Single Sign on by using SAML.
* Developed Shipment tracking with communication process.
* Integrated FedEx, UPS, DHL and TNT carriers with the webservices.
* Developed Printing software for to print the labels and reports after successfully processed.
* Implemented EDI 856 communication for TNT carrier.
* Implemented APIs for blind shipment process.

**Senior Software Engineer** *July 2011 – Dec 2020* **Process Weaver Inc**

Process Weaver Inc, Is Multi carrier multi model TMS solution provider, it helps to process LTL-TL, Parcel, Air and Ocean shipments.

* Worked on Multiple Clients, **Applied Materials, Lam Research, General Electric(Health Care, Power & Water), Honeywell, Velcro Inc, CISCO, Philips, The Disney Company, The World Bank, Costco, Nvidia, Cargill, Videojet, ECO Labs.**
* Visited **Lam Research** client location in **Fremont**, **California**.
* Visited Velcro USA Inc in **Manchester**, **New Hampshire.**
* Implemented RESTful APIs to load master data from ACE USCIS.
* Worked on extracting the transactional data of various tables, generating, and exporting the CSV files to **AWS S3** for ETL tool to consume.
* Implemented **Dependency Injection** to enhance modularity and testability of Angular applications by decoupling component dependencies.
* Extensively used RxJS **Observables** for asynchronous programming, ensuring efficient and responsive application behavior.
* Render the page layout using the Angular components and directives based on the CMS components defined in the **Content Management System**.
* Migrating the functionality of storing the files in SFTP server to **AWS File Transfer service**.
* Worked on login customization for the **Applied Materials** and **Lam Research** using OAuth2.
* Played a key role in the redesign and enhancing a content management system (CMS) developed using Angular.
* Ensured code quality and mitigated technical risks by adhering to best coding practices, leveraging SonarQube for comprehensive code analysis and continuous improvement.
* Played an active role in fixing the QA and UAT issues.
* Environment Expertise: Microservices, Angular, REST, SQL Server, IntelliJ, GIT, JSON, AWS, OAuth2, JWT.
* Involved in implementing quick search functionalities for Orders, Customers and Returns in Customer Support Back Office.
* Worked on import and export scripts to migrate open orders, combination of orders in Transportation Planning.
* Preparing checklist for deployment cut over activities along with roll black plan for each production release.
* Worked on HAC (Hybris Administration Console) to perform update/initialize operations, validating scripts, checking the Flexi search queries, etc.
* Perform code reviews as per quality standards.
* Environment Expertise: .Net Frame work, ASP MVC, SAP Commerce, AWS, IBM MQ, MSSQL, GIT, XML, Ajax, jQuery, HTML, JSON.
* Launching a new site in SAP EWM cloud that includes planning the orders using SAP Commerce.
* Worked on jQuery Data Tables to structure the display of reports.
* Worked on consuming ODATA services that are exposed from S/4 HANA to fetch reports of B2B Customers
* Implemented SCPI (SAP Cloud Platform Integration) to replicate inbound order data, ensuring seamless data flow and synchronization from S/4 HANA.
* Worked on different clients with SAP Business one Application with creating add On’s.
* Worked on Oracle OTM App publishing and Integration with Oracle ODBC connection.
* Implemented Microservices for **Honeywell** mobile application for freight shopping and Tracking.
* Worked on different carriers and different mode of integrations like API integration, EDI communications, SFTP, Excel Rate files Import and Export.
* Implemented Schedulers the schedulers communicating with different carrier APIs with different approaches and will get the tracking information and updates into system.
* Added error logs and exception handlers the auto mate jobs will trigger and send the information to respective team to validate the issue/problem.

# Educational Qualifications

* Master of Computer Applications (MCA) from Nagarjuna University, Guntur with 76.16%.
* Bachelor of Degree (B.Sc.) from Nagarjuna University, Guntur with 60.16%.