

Raju Kodari
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CAREER PROFILE

- Over 8 years of IT experience in .Net, C#, .Net Core, Python, Azure, GCP, Kafka, RabbitMQ, MicroServices- Design Patterns, Kubernetes, Web API 2, MVC, Web Services, Angular 2 to 18, ReactJS, NodeJS, CI/CD, JavaScript, HTML, CSS, Bootstrap3, Cassandra, MongoDB, PostgreSQL and SQL Server.
- Conducted extensive research on new technologies and Python packages, implementing Pandas DataFrames and NumPy to enhance data science capabilities.
- Experienced in planning, analysis, design, development, testing, deployment, support, and maintenance of multiple web and server applications.
- Proficient in developing applications using agile methodologies.
- Experienced in working with various Python IDEs using PyCharm, PyScripter, PyStudio, PyDev and Sublime Text.
- Have Extensive Experience in IT data analytics projects. Hands on experience in migrating on premise ETLs on google Cloud Platform (GCP) using cloud native tools such as BIG Query, Cloud Data Proc, Google Cloud Storage and Composer.
- Software engineer with 8 years of experience in analysis, design, development, maintenance, and implementation of enterprise, web, and client-server applications, as well as cloud computing infrastructure.
- Extensive experience in developing Single Page Applications (SPA) using Angular 2 to 18, ReactJS and NodeJS.
- Created and consumed Restful APIs, MicroServices and MVC web applications using .Net Core.
- Experience in Azure services to build, deploy and manage the applications.
- Proficient in working with Angular components, routing, HTTP services, and dynamic HTML in versions 2–18.
- Strong understanding of creating and managing Views, Partial Views, and ViewModels in ASP.NET MVC.
- Worked extensively with NoSQL databases such as Cassandra and MongoDB.
- Strong expertise and knowledge in RDBMS, including database normalization, writing stored procedures, user-defined functions, triggers, views, and joins in SQL Server 2019/2017/2016 and PostgreSQL.
- Experienced in working with Bootstrap 3, HTML, CSS, JavaScript, jQuery, ADO.NET, Entity Framework, and LINQ (LINQ to Objects, LINQ to SQL, LINQ to XML, Lambda expressions).
- Well-versed in Test-Driven Development, utilizing Moq, NUnit, XUnit, and Microsoft Visual Studio Test Tools for unit testing.
- Experienced in version control using Git and Team Foundation Server (TFS).
- Excellent communication, analytical, and problem-solving skills with a strong teamwork orientation. Dedicated to delivering Quality output for team or individual assignments. Self-starter, quick learner, adaptable to new technologies and determined to achieve results.

TECHNOLOGIES:

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|---------------------------------|---|
| Programming Languages Framework | C#, .NET, .NET Core, .NET Frameworks (4.6 – 8.0), Python, GCP, Entity Framework Core, MVC 5, LINQ, Microservices- Design Patterns, Web API 2, Web Services, |
| Cloud & Messaging | Azure (Cloud & Services), Kafka, RabbitMQ, Service Bus |
| Frontend & Scripting | Angular 2+, ReactJS, TypeScript, RxJS, NodeJS, JavaScript, jQuery |
| Markup & Styling | HTML5, CSS3, Bootstrap, JSON, XML |
| Databases | SQL Server (2016/2017/2019), PostgreSQL, MongoDB, Cassandra |
| Web Servers | IIS 7.5/8.0/8.5/10 |
| Testing Frameworks | NUnit, XUnit, Moq, Microsoft Visual Studio Test Tools |
| Configuration & DevOps | GIT, TFS, Jenkins, Docker |
| Tools | Swagger, Postman, Fiddler, JIRA, Service Bus Explorer, Studio3T, SQL Developer, Toad, Stoplight Studio, DBeaver |
| Operating Systems | Windows 9x/NT/XP, Windows 10/11, Windows Server 2012 (R2/Datacenter) |

PROFESSIONAL EXPERIENCE:

Dell Technologies, Nashville, TN (Remote)

July 2025 – Present

Full Stack .Net Developer

- Participated in all phases of the Software Development Life Cycle (SDLC), including requirements gathering, analysis, and architectural design, using agile methodologies.
- Developed high-performance, dynamic, and responsive Single Page Applications (SPAs) with Angular 18/17/16.
- Designed and implemented business logic using Visual Studio, C#, and .NET Core Framework for multiple enterprise applications.
- Implemented Angular form validation, authentication, and authorization to enhance application security and usability.
- Utilized Angular Flex Layout to design sophisticated and responsive UI layouts leveraging CSS Flexbox.
- Leveraged Angular CLI for application creation, development, testing, and deployment workflows.
- Built reusable UI components and services in TypeScript following Angular's component-based architecture.
- Created and consumed Microservices using .NET Core framework.
- Implemented Object-Relational Mapping (ORM) with Entity Framework Core and wrote efficient LINQ queries for data operations.
- Designed and integrated Kafka topics with Offset and Group ID to enable event-driven architectures.
- Consumed Kafka events, analyzed Kafka traffic, and validated events using correlation IDs and timestamps for traceability.
- Designed Cassandra database schemas (tables and key spaces) and executed DDL/DML operations across environments.
- Optimized Cassandra performance by eliminating "ALLOW FILTERING" in queries and designing effective partition and primary keys and reducing query times by 40%.
- Developed Python-based API applications and generated analytical graphs for business decision-making using Matplotlib.
- Troubleshoot, resolved, and deployed numerous Python application bug fixes to production.
- Experience in GCP Dataproc, GCS, Cloud Functions, BigQuery. Experience in moving data between GCP and Azure using Azure Data Factory.
- Created Python scripts to parse JSON documents and load data into Cassandra databases.
- Applied PyUnit (Python Unit Test Framework) for automated testing and quality assurance of Python applications.
- Managed version control using Git/Subversion, proficient in branching strategies, rebasing, and merging workflows.
- **Environment:** .NET 8, Visual Studio 2022, C#, .NET Core, Python, PyCharm, PyScripter, Sublime Text, Azure & Azure Services, Microservices, GCP, Entity Framework Core, CI/CD, Cassandra, Kafka, Angular 18/17/16, TypeScript, RxJS, Bootstrap 4, HTML5, Postman, Swagger, XUnit, Moq, Jira

Thermoflyde Industries, Hyderabad, India

Feb 2021 – Aug 2023

FullStack .Net Developer

- Worked on Agile methodology and used JIRA for daily work and reporting in daily scrums.
- Used C#, .Net Core to develop various MVC web applications and Restful services.
- Implemented Object Oriented Programming (OOPS) concepts, principles and worked on Object Oriented Design Patterns like Singleton and Factory Design Pattern.
- Implemented CQRS (Command-Query Responsibility Segregation) pattern and used MediatR pattern for Commands, queries, notifications, events, sync and async calls.
- Performed CRUD operations on Microservices using HTTP methods (GET, POST, PUT, DELETE and PATCH).
- Worked on EF Core first approach and performed migration to automatically generate or update db schema.
- Created Azure Web Apps, Virtual Machines and Storage Accounts.
- Worked on Event-based data integration with Azure Data.
- Used Azure Active directory to manage the database of users in a protected manner.
- Developed an application using ReactJS and nodeJS.
- Developed various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager).
- Created and used various reusable components using ReactJS for DOM manipulation.
- Developed user interface by using the ReactJS, Redux for SPA development.
- Used ReactJS and NodeJS libraries NPM, gulp directories to generate desired view and flux to root the URLs properly.
- Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
- Wrote server-side code in NodeJS and created scalable network applications.
- Created Database schema with database objects like tables, views, stored procedures in PostgreSQL.

- **Environment:** .Net 7/6/5, Visual Studio 2022, C#, .Net Core, ReactJS, NodeJS, Azure, Azure Services, MVC 5, Restful APIs, MicroServices, PostgreSQL, MediatR, DDD, RabbitMQ, NPM, JavaScript, Bootstrap 4, HTML5, Postman, Swagger, XUnit, Moq, Jira

Grip Strapping Technologies, Hyderabad, India

June 2016 – Jan 2021

.NET Developer

- Involved in iterative, test - driven and SCRUM method of Waterfall Model.
- Worked on Visual Studio/ .NET Core Framework to implement Server-Side Business Logic.
- Developed single page application using Angular 2/4 and business logic was coded in Web API 2.
- Worked on asynchronous service calls from client side to server using Angular 2/4.
- Extensively worked on File upload/download, file resize functionality, export grid tables data to excel and to email with an excel attachment.
- Worked on components, routing, http services, dynamic html, form validation and error handling in Angular 4.
- Used Typescript, CSS, HTML 5 and Bootstrap 3.
- Created various Angular Services and injected them into Angular Components (using Dependency Injection) to enable Http calls.
- Used Angular features like Routing, Navigation, Dependency Injection and Third-party controls.
- Established connections to MongoDB servers, performed CRUD operations (Find, Insert, Update and Delete) and used IDE Studio3T for MongoDB interactions.
- Implemented Data access layer using C#, ADO.NET and later using Entity Framework Core to connect databases and retrieve or manipulate data.
- Used Sql Server for some applications and worked on DDL and DML commands.
- Used Postman and Swagger for API testing, troubleshooting, performance tuning and system monitoring.
- Worked with GIT version control and created repositories, worked on creating branches, check-in, check-out the code regularly to avoid merge conflicts and used git commands like in it, clone, branch, checkout, commit, pull, push and status.
- Used Jenkins for creating CI/CD pipelines, fix pipeline jobs errors and deploy to CI, Stage and Prod environments.
- Performed Unit Testing using XUnit, User Acceptance testing (UAT) and System Integrated testing (SIT) to handle deployments in QA and Production stages.
- Performed Code Reviews (manual) to implement performance and coding conventions guidelines.
- **Environment:** .Net 5/4.8/4.7/4.6, Visual Studio 2019/2017, C#, .NetCore, WebAPI2, MVC, MongoDB, SQL Server 2019/2017/2016, T-SQL, ADO.Net, Entity Framework Core, Angular 2/4, Typescript, JavaScript, Bootstrap 3, HTML5, CSS, XUnit, JIRA, GIT, Postman, Jenkins, CI/CD, Swagger.

EDUCATION:

- Master's in Computer and Information Sciences from Southern Arkansas University (SAU), Magnolia, Arkansas.
- Bachelor of Technology from Kakatiya University (KU), Warangal, India.

CERTIFICATIONS:

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Oracle Corporation | Issued 2025

- Built strong expertise in AI/ML, NLP, Computer Vision and Generative AI using Oracle Cloud Infrastructure.
- Hands on experience with LLMs, vector search, embeddings and OCI AI/ML services for training, deployment and Monitoring
- Applied responsible AI practices to design and optimize enterprise ready cloud based AI solutions

Microsoft Certified: Azure Developer Associate (AZ-204) – Microsoft Corporation

- Hands on experience building and Maintaining cloud applications on Microsoft Azure
- Implemented compute solutions using Azure Functions, App Service and AKS
- Integrated data services including Blob Storage, Cosmos DB and Azure SQL
- Applied secure access using Azure AD, Managed Identities and RBAC and worked with cross functional teams to deliver secure, scalable cloud solutions.
- Deployed and monitored applications with Azure monitor, Application insight and Azure DevOps CI/CD and applied micro-services architecture and API management.