


Narase Gowda Kumbaiah

Software Developer | .NET | Cloud | Automation

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Professional Summary

Experienced Software Developer with 8+ years in designing, developing, and maintaining .NET applications, Azure cloud solutions, and CI/CD pipelines. Adept at building scalable web applications and automation solutions with C#, ASP.NET, Blazor, SQL, PowerShell, Terraform, and Azure DevOps. Strong knowledge of TDD, SOLID principles, and design patterns. Passionate about problem-solving, collaborating in Agile teams, and driving innovation through automation and cloud technologies.

Technical Skills

Programming Languages: C#, Python

Web Technologies: ASP.NET MVC, Blazor, HTML, CSS, JavaScript

Databases: SQL Server, MSSQL, Azure Data Lake, Hive (Hadoop)

Cloud & DevOps: Microsoft Azure (PAAS, DataFactory, DataLake), Terraform, Docker, Azure DevOps, Jenkins, GitHub/GitLab

Automation & Scripting: PowerShell, CI/CD Pipelines

Software Development Practices: TDD (Test-Driven Development), SOLID Principles, Design Patterns

Development Methodology: Agile (Scrum)

Work Experience

Software Developer | WPS Management GmbH, Germany | Feb 2022 – Present

- Developed and maintained scalable web applications using C#, ASP.NET MVC, Blazor, and JavaScript.
- Led feature planning, builds, and releases for frontend and backend applications.
- Implemented error analysis and performance optimizations to enhance system efficiency.
- Collaborated with cross-functional teams to improve software architecture and deployment strategies.
- Designed solution concepts for software requirements with a focus on usability, reliability, and scalability.
- Applied TDD and SOLID principles to ensure maintainable and high-quality code.

Student Trainee (Automation Engineer) | Quipu, Germany | Dec 2020 – Dec 2021

- Developed and tested features using .NET and Angular for banking applications.
- Created interactive data visualizations with Power BI.
- Set up CI/CD pipelines in Azure DevOps for application deployment.
- Ensured secure application infrastructure for software development.

Senior Software Engineer | Mindtree Ltd, India | May 2018 – Jan 2020

- Built and maintained Azure-based Big Data solutions, including HDInsight clusters, Data Factory pipelines, and DataLake storage.
- Automated CI/CD deployment pipelines using PowerShell, Terraform, and ARM templates.
- Developed .NET MVC applications for cloud interaction and data integration.
- Designed scalable architectures using SOLID principles and common design patterns.

Associate Professional, Application Delivery | DXC Technology, India | Sep 2015 – May 2018

- Developed and managed web applications and APIs using C#, ASP.NET, and SQL Server.
- Set up CI/CD pipelines in Jenkins for continuous deployment.
- Performed requirement gathering, testing, and application performance monitoring.
- Implemented design patterns to improve application modularity and maintainability.

Education

Master's in computer science | Universität Paderborn, Germany | Mar 2020 – Jun 2024

Bachelor of Engineering in Computer Science | Acharya Institute of Technology, India | Aug 2011 – Jun 2015

Projects & Research

Knowledge Graph Summarization (2020 – 2021)

- Researched RDF graph summarization algorithms to optimize data representation.
- Implemented question-answering models on summarized graphs using SPARQL and ReactJS.

GPS Positioning (2015)

- Conducted research at ISRO (Indian Space Research Organization) to enhance GPS accuracy.
- Developed algorithms in MATLAB to compensate for atmospheric delays.

Twitter Clone (2015)

- Designed a social media web app similar to Twitter using C#, ASP.NET, HTML, CSS, and SQL Server.
- Implemented user authentication, posting, and image uploads with cloud hosting.

Languages

- English (C1 – Professional Proficiency)
- German (A2 – Basic User, improving towards B1)