

# Shwetha Sudugu

## Software Developer

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### SUMMARY

- Software Developer with around 4 years of hands-on experience designing, developing, and deploying high-performance web and enterprise applications using modern .NET and JavaScript technologies.
- Proficient in crafting scalable back-end solutions with C#, ASP.NET Core, Web API, and Entity Framework, and building responsive, user-friendly front ends with React.js, Angular, and Bootstrap.
- Expert in developing secure microservices and RESTful APIs, enabling seamless system mixings and supporting dispersed architectures.
- Adept at leveraging cloud platforms such as Microsoft Azure and AWS to deliver cloud-native applications, with hands-on expertise in Azure App Services, Functions, and CI/CD pipelines.
- Well-versed in optimizing database performance and ensuring data integrity across SQL Server, Oracle, and MongoDB through efficient queries, indexing, and schema design.

### SKILLS

**Methodologies:** SDLC, Agile, Waterfall

**.NET Technologies & Frameworks:** C#, React.js, Angular, ASP.NET MVC, ADO.NET, .NET 4, VB.net, WPF, Restful, .NET Framework, SOAP

**IDE:** MS Visual Studio Code

**Web Technologies:** HTML, CSS, JavaScript, Bootstrap, Ajax, jQuery, JSON, Front-End frameworks

**Web Server:** IIS

**Containers and Orchestration Tools:** Docker

**Application Servers / Cloud Technologies:** Apache Tomcat, AWS, Azure, Logic Apps, DevOps, CI/CD, Data Factory, Repos

**Databases:** MySQL, SQL Server, MongoDB, Oracle, PL/SQL

**Version Control / Other Tools:** UML, MS Visio, Crystal Report, JIRA, SSRS, TFS, Git

**Operating Systems:** Windows, Linux, Mac

### EXPERIENCE

**JP Morgan Chase**

**USA**

**Software Developer**

**Aug 2024 - Present**

- Designed and delivered secure, high-performance .NET Core and ASP.NET MVC applications, integrating microservices architecture to improve system scalability and maintainability.
- Implemented RESTful APIs and Web APIs using C# and .NET, enabling seamless integration with third-party systems and improving data exchange efficiency by 30%.
- Created interactive front-end interfaces with Angular, React.js, and Blazor, achieving a consistent and responsive user experience across web and mobile platforms.
- Automated CI/CD pipelines using Azure DevOps and Jenkins, reducing deployment time and minimizing production downtime through effective release management practices.
- Migrated legacy monolithic applications to modern .NET microservices and deployed them in Azure App Services, enhancing system reliability and reducing operational costs.
- Considered dashboards and reporting modules with JavaScript, Chart.js, and Bootstrap to deliver actionable insights to stakeholders.
- Optimized SQL Server and MySQL databases by redesigning schemas, implementing indexing strategies, and writing efficient queries, which improved transaction throughput by 40%.

**Mindtree**

**India**

**Software Developer**

**Jan 2021 - Jul 2023**

- Architected and delivered end-to-end .NET applications leveraging ASP.NET Core, Razor Pages, and C#, improving system robustness and supporting concurrent usage by thousands of users.
- Built dynamic, responsive web interfaces with React.js, Angular, and TypeScript, enhancing cross-browser compatibility and reducing user-reported UI issues by over 30%.
- Designed and implemented GraphQL and REST APIs, enabling efficient data retrieval and reducing payload sizes, which improved overall application responsiveness.
- Configured and maintained cloud-native applications on AWS, leveraging services like EC2, S3, Lambda, and CloudFormation to deliver scalable, reliable, and cost-efficient deployments.
- Automated build and deployment workflows using GitHub Actions, achieving consistent delivery and reducing manual intervention during releases.
- Distributed real-time analytics dashboards and reporting features using Bootstrap, and custom JavaScript modules, empowering stakeholders with actionable insights.
- Facilitated Agile ceremonies, contributed to sprint planning, and coordinated backlog grooming sessions to align technical deliverables with business priorities.

### EDUCATION

**Master of Science in Computer Science**

**May 2025**

University of Central Missouri - Lee's Summit

Lee's Summit, MO

**Bachelor of Science in Computer Science**

**Jul 2023**

Nalla Narasimha Reddy Education Society's Group of Institutions

Telangana, India