

PADAMATI SAI SOWJANYA

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SUMMARY

- 4+ years of industry experience in software development with good problem-solving skills and ability to quickly learn new technologies
- Proficient in C#, Java, JavaScript and Python with sound exposure to Agile methodologies and Software Development Life Cycle Principles

EDUCATION

Florida State University, US – MS in Computer Science | GPA: **3.75** / 4.0

August 2022 – May 2024

Courses: Advanced Data Structures, Concurrent Parallel and Distributed Systems, Database System, Software Engineering, IoT

SKILLS

Languages and Frameworks: C, C#, Java, Python, C++, Go, .NET, .NET Core, ASP.NET MVC, ASP.NET Web API, WCF, WPF

Web development: HTML, CSS, JavaScript, jQuery, JSON, JSP, Servlets, Bootstrap, Node, React, Angular, Django, Flask, Struts, .NET, MVC

Software, Tools and services: Visual Studio, IntelliJ, Jenkins, Git, Bitbucket, Jira, Docker, K8, Postman, RESTful API services, Microservices

Cloud and Databases: SQL, SQLite, MySQL, MongoDB, Redis, Azure, IBM

EXPERIENCE

Application Developer | Florida State University | USA

Jan 2023 – May 2024

[.NET Core, C#, React]

- Led the development of web-based solutions across the entire Software Development Life Cycle (SDLC), encompassing activities such as gathering business requirements to testing, and the preparation of technical and release documentation
- Created the UI with .NET Core, employing JavaScript, HTML, CSS3, and Ajax. Action classes managed requests from the frontend, while React JS facilitated rapid templating and reusable component development
- Implemented client-side functionality to enable users to export graphics as image/PDF, using JavaScript within the application
- Designed and optimized the database structure and tables to efficiently store data while minimizing storage requirements

Full Stack Developer | Wipro Limited | India

Dec 2020 – Jul 2022

[C#, JavaScript, .Net Core, MVC, HTML, CSS, MSSQL, Microservice, REST API]

- Developed web applications using .NET Core, JavaScript, and SQL Server for optimal performance and functionality, ensuring seamless user experiences and robust data management capabilities
- Managed Bitbucket version control, ensuring smooth branching and merging workflows, and conducted thorough code reviews to uphold high-quality coding standards and foster collaborative development
- Architected and maintained robust CI/CD pipelines using Jenkins, Docker, and Kubernetes, resulting in a remarkable 30% reduction in deployment time, thus significantly enhancing development efficiency
- Implemented Agile Software and Test-Driven Development (TDD) methodologies, conducting Code/Test Case review meetings and actively participating in daily SCRUM meetings to drive iterative development cycles and ensure project success

Project Engineer | Wipro Limited | India

Jun 2019 –Nov 2020

[C#, JavaScript, jQuery, Entity framework, Web API]

- Led the development of an enterprise-level automated dashboard software application using ASP.NET MVC, C#, and SQL Server
- Debugged and resolved CORS related issues by implementing appropriate configurations and protocols, ensuring seamless communication between client-side and server-side components resulting in a significant 40% increase in productivity
- Leveraged Azure web services to deploy, ensuring convenient accessibility and usability for end-users, and seamlessly integrated Azure DevOps into the CI/CD pipeline for efficient and automated deployments
- Proficient in deploying and managing ASP.NET applications on Internet Information Services (IIS) for optimal performance and reliability
- Transformed Excel sheets into SQL tables, streamlining data management processes and enhancing data integrity and accessibility
- Demonstrated extensive proficiency in creating and managing View Models, Views, and Partial Views using ASP.NET MVC, with expertise in LINQ for efficient data retrieval, CRUD operations, and data manipulation
- Developed robust and efficient Web APIs using ASP.NET Web API, enabling seamless integration for new web/client projects to leverage reusable data resources

ACADEMIC / PERSONAL PROJECTS

[Network Statistics Monitoring Tool \[Python, Django\]](#) | Florida State University

Engineered a robust Python-based network statistics monitoring tool that provided real-time analysis and alerts for network traffic and packet loss issues. Enhanced network troubleshooting capabilities, resulting in reduced downtime and improved operational efficiency.

[Chat Application \[C++\]](#) | Florida State University

Developed a BSD TCP socket-based chat application with client-server architecture, streamlining user interactions and commands for logging in/out, messaging, and quitting.

[Unix Systems Toolkit for Process and File Management \[C\]](#) | Florida State University

Created a Unix systems toolkit in C, combining features of Unix shells and forensic toolkits for efficient process and filesystem management

ACCOMPLISHMENTS

- [AZ-900 Azure Fundamentals certified](#)
- [IBM Cloud Pak for Applications - Architect](#)