

Bhavyom Singh Kushwaha

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Summary

Passionate and versatile Software Engineer with 4.5 years of experience building full-stack applications, automation tools, and system integrations using .NET, C#, and modern web frameworks. Enjoys solving complex problems, learning new technologies, and turning ideas into reliable, scalable software. Known for writing clean, maintainable code and collaborating effectively across teams, always eager to take on new challenges and grow both technically and professionally.

Experience

Software Engineer, Sim Logic, Inc. – Los Angeles, CA Oct 2024 – Present

- Developed plugin software using C++ and Lua for seamless hardware interaction with a high-fidelity flight simulator, collaborating with cross-functional teams to ensure effective integration during the development stage
- Built an in-house command center using Blazor, reducing manual configuration efforts by automating the generation and management of configuration files
- Designed and drafted the database architecture for the command center, ensuring data integrity, scalability, and efficient configuration management
- Implemented user authentication, authorization, and profile management, enhancing system security and access control
- Created a versioning system for configuration files to maintain change history and rollback support
- Automated CI/CD pipelines with YAML scripts, reducing deployment time by enabling continuous testing and automatic deployment to Azure Blob Storage
- Coded desktop applications using Qt and C++ to efficiently fetch and update configuration data from Azure via REST APIs, improving operational speed and accuracy
- Contributed to the design and development of the company website, ensuring modern UI and responsive layout

Software Engineer, Emtec Inc. (Acquired by Bridgenext) – Pune, India Feb 2022 – Aug 2022

- Programmed an insurance product to create a user-friendly quote application with data from multiple underwriters
- Authored 50+ REST APIs and function app projects using .Net Core, MSSQL, and Microsoft Azure
- Optimized and refactored over three modules in both front-end and back-end code, reducing latency by 30%
- Improved application performance, leading to a more efficient quote application, reducing loading times by 40%

Software Engineer, Clover IT Services Private Limited – Jaipur, India Mar 2019 – Apr 2020

- Fostered MLM product efficiency by 20% by utilizing .Net Core, ADO.Net, and T-SQL, with frontend enhancements through AngularJS
- Provided global support counseling, resolving 40 weekly technical issues and maintaining high levels of client satisfaction
- Boosted productivity by 10% through the creation of an in-house productivity tool employing Entity Framework
- Led the development efforts for a Project Management System utilizing .Net Core, Entity Framework, and Angular 8
- Implemented Selenium automation in Visual Studio, reducing testing time by 50% and increasing coverage by 30%

Software Engineer, Kansoft Solutions Private Limited – Udaipur, India Jun 2017 – Feb 2019

- Integrated Teleshopping CRM and ERP software with 8 new modules and collaborating with 10 clients
- Leveraged .Net Framework to meet specific business needs and upgraded 7 modules for marketplace and dealer products, boosting system efficiency and user experience
- Drafted 75+ REST APIs and implemented ERP-3rd party logistics integration using C# and web services (REST and SOAP)
- Resolved 200+ bugs promptly, ensuring timely releases and reinforcing product stability by 25%

Education

Master of Science, Computer Science, California State University, Fullerton (CSUF) May 2024

Bachelor of Technology, Computer Science and Engineering, MPUAT, Udaipur, India Jun 2017

Technical Skills

Languages: C#, Transact-SQL, Python, JavaScript, HTML, CSS, C, C++

Tools, Frameworks and Libraries: .NET Core, .NET Framework, Entity Framework, ASP.NET, MVC, Web forms, Django, NUnit, xUnit, Angular, React, Node.js, Express.js, Bootstrap, Razor, Blazor, TypeScript, CI/CD, ADO.NET, MongoDB, Qt, Google Cloud Vision, PyTorch, Tensorflow, Microsoft Azure, REST API, MS SQL Server, Git, Visual Studio, Postman, Azure DevOps, AI tools