Abhishek Humagain

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Summary — Dynamic and results-driven Senior Software Engineer and Team Lead with extensive experience in software development, architecture design, and team management. Proven track record of leading large teams to achieve technical excellence and personal growth, with expertise in modern technologies including .NET 8.0, Azure, and Cloud services. Skilled in optimizing APIs and database performance, resulting in significant improvements in system capacity and efficiency. Experienced in Agile methodologies and cross-functional collaboration, ensuring timely delivery of high-quality software solutions. Passionate about mentoring and guiding the next generation of developers while driving innovation and enhancing user experiences.

In parallel, as a Lecturer at Islington College, I leverage my industry insights to teach Application Development using Asp.Net Core, helping students excel in web development and fostering leadership through collaborative projects. My approach combines technical acumen with a commitment to nurturing future innovators in software engineering.

Skills

Languages	C#.Net, Python, Rust, SAS, R, GO	**SDLC**	SCRUM, Kanban
Cloud	Azure, AWS	**API**	REST, GRPC
OS	Debian, Ubuntu, Windows, macOS	**Soft Skills**	Leadership, Problem-Solving, Collaboration, Adaptability, Critical Thinking, Communication
Testing	Docker, CircleCI, Jenkins		
Version Control	Git		
Database	Microsoft SQL Server, MySQL, PostgreSQL		

Experience

Innovate Tech   **Jan 2022 – Present**

Senior Software Engineer — Team Lead

– Leading a team of 50+ developers, including interns, fostering a collaborative environment to achieve technical and personal growth
– Managed the migration of the core product from .NET 2.0 to .NET 8.0, ensuring stability and scalability
– Spearheaded architecture design using Clean Architecture, CQRS, and gRPC, enhancing product performance and maintainability
– Optimized APIs and database performance, resulting in a 70% improvement in performance through continuous monitoring and LINQ optimization.
– Coordinated with cross-functional teams to streamline IT processes and align requirements for effective solutions
– Oversaw production deployments and security enhancements, ensuring compliance and robust application integrity
– Conducted load testing using k6, validating system performance and reliability under peak conditions
– Maintained regular communication with management regarding team performance and assisted in recruitment efforts

Islington College   **Sept 2020 – Sept 2024**

Lecturer   *Feb 2024 – Sept 2024*

– Design and deliver engaging lectures and tutorials on advanced development topics, focusing on C# and .NET
– Develop and update course materials to reflect current industry standards and technologies
– Provide guidance and support to students, helping them navigate academic challenges and develop their technical skills
– Create and administer assessments, including exams, projects, and assignments, to evaluate student understanding and performance
– Collect and analyze student feedback to improve teaching methods and course content

Final Year Project Supervisor   *Sept 2023 – Sept 2024*

– Provided technical guidance and feedback to students on final year projects
– Assisted students in debugging and troubleshooting technical issues
– Fostered a supportive learning environment to enhance student development
– Collaborated with students to refine project ideas and improve technical skills
– Contributed to preparing students for future endeavors through mentorship and support

Academic Tutor   *Sept 2020 – Feb 2024*

– Guided students in the software development industry, emphasizing web development through practical applications and real-world scenarios
– Enhanced student's leadership and collaboration skills through group projects and assignments, providing mentorship to support their technical growth and project success
– Instructed C# programming from basics and console applications in the first semester, transitioning to Windows application development with MAUI and IDEs, and led the second semester focused on advanced C# with web application development using REST APIs and Blazor for UI design

Itahari International College   Sept 2022 – Sept 2024
Final Year Project Supervisor

- – Supervised final year project students, providing technical guidance and feedback for project development
- – Assisted students in debugging and troubleshooting technical issues to ensure project success
- – Collaborated with students to refine project ideas and enhance technical skills for future endeavors

Outcode Software   Mar 2020 – Jan 2022
Senior Software Engineer — Team Lead

- – Led a team of 10 backend developers, ensuring adherence to coding standards and best practices for multiple projects, including a student learning platform using ASP.NET Core
- – Managed Azure services (VMs, Load Balancers, App Services) as part of the DevOps process, contributing to the successful deployment and maintenance of applications
- – Collaborated with management on team performance, recruitment, and strategic planning to align with company objectives
- – Successfully optimized the Swift River Online simulation web application, enhancing user experience and increasing user engagement by approximately 70% through effective load testing and performance improvements
- – Developed and maintained Protocol Now, a critical application for healthcare protocol determination, improving efficiency and accuracy in hospital settings
- – Implemented Agile methodologies to improve team collaboration and project delivery timelines across multiple concurrent projects

Insight Workshop   Mar 2020 – Oct 2020
Software Engineer

- – Led a team as project lead to develop a student learning platform, used Azure and AWS, ensured coding standards and best practices
- – Implemented innovative solutions to enhance user experience and optimize platform performance
- – Successfully integrated new features and technologies to improve platform functionality and user engagement

Blue Panda Communications — AltiGen Communications, Inc   Jul 2019 – Feb 2020
Software Engineer

- – Developed an omnichannel contact center solution as a .net developer at Blue Panda Communications
- – Configured storage accounts, resource groups, and app services on Microsoft Azure for seamless operations
- – Implemented Azure AD and Azure AD B2C for authentication, enabling multi- tenant and single sign-on capabilities
- – Automated processes using Power shell, Azure CLI, docker, ACR, and ACI, enhancing efficiency and productivity

Insight Workshop   Jun 2018 – Jun 2019
Software Engineer   *Jul 2018 – Jun 2019*

- – Researched, designed, and implemented scalable wiki applications for a home security company using .net core and Angular 5
- – Led a cross-platform (Xamarin) project, developing and deploying iOS and Android applications, collaborating with AWS for deployment
- – Configured storage accounts, resource groups, app services, Azure AD, and Azure ADB2C on Microsoft Azure for Insight Workshop

Software Engineer Trainee   *Jun 2018 – Jul 2018*

- – Developed full stack applications using Angular, SCSS, and jQuery for Insight Worksho
- – Replicated UI designs of top tech companies to enhance Angular skills
- – Enhanced problem-solving through leetcode, hackerrank and communication skills through daily updates in-front of the leads
- – Collaborated with team members to implement the latest .NET trends and technologies

Bidhee Pvt. Ltd.   Dec 2017 – Mar 2018
C#.Net Intern

- – Learned Asp Net programming and developed skills in .Net MVC, Angular 5, and REST API
- – Contributed to the development of the school management system

Education

London Metropolitan University — Islington College   2015-2018
BSc (Hons) Computing
Trinity International College   2013-2015
Science
Major: Computer Science

References

Mr. Rohit Panday

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