

Shivam Kumar Dubey

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Professional Summary

Results-driven .NET Full Stack Developer with 3 years of experience with exceptional [client feedback](#). Former SDE Intern at Amazon, currently a Digital Specialist Engineer at Infosys with "Best Rookie of the Year" recognition. Strong in design patterns, ORM frameworks, and microservices architecture. Experienced in translating business requirements into technical solutions with strong problem-solving & end-to-end ownership.

Skills

Frameworks & Tech: .NET Core, .NET Framework, ASP.NET MVC, Web API, REST, AWS Lambda, SQL Server, DynamoDB, MongoDB, Angular, Playwright

Programming Languages: C#, Java, C, C++, Python, Dart, JavaScript, TypeScript, SQL/MySQL

Architecture & Tools: Entity Framework (ORM), Microservices, Design Patterns (Singleton, CQRS, DI), Scalable Architecture, Automation, OOP, Git, Azure, Docker

Work Experience

Digital Specialist Engineer | Infosys

Aug '22 – Present

- **Accessibility Testing Automation:** Developed a speech-to-text C# library using **.NET Core**, Entity Framework and SQL Server to automate accessibility testing workflows.
 - Leveraged multi-threaded execution and integrated **Playwright** for front-end automation, boosting efficiency by 80% and reliability by 95%, replacing manual QA with a scalable backend solution.
- **Conversation Control:** Enhanced five **P0 production scenarios** by implementing **retry mechanisms, circuit-breakers** & resolving 20+ critical bugs - boosting system reliability from 80% to over 98%.
 - Designed a scenario-marker system to accurately measure reliability, achieving 99.5% in three scenarios.
- **Copilot Service Trial:** Upgraded existing bots in the Copilot framework, increasing bot efficiency by 30%.
 - Designed & upgraded the queueing system for workstream routing, reducing task assignment time by 25% and improving customer support resolution efficiency by 35%.
- Migrated a legacy application from .NET Framework 4.6 to .NET 6, reducing load times by 40%.

Software Developer Intern | Amazon

Jan '22 – Jun '22

- Designed and implemented High-Level & Low-Level Design for RESTful APIs to improve data transparency.
- Delivered 10+ AWS Lambda-based APIs for data privacy compliance across regions like GDPR & CCPA.
- Applied microservices architecture using Dependency Injection, SQS, DynamoDB, EC2, and S3.

Education

B.Tech in Information Technology | Heritage Institute of Technology | CGPA: 9.0

Aug '18 - Jul '22

Projects

Silent Sentinel App | Windows Api, C#, Autohotkey | [GitHub](#)

- Developed a tool that intelligently keeps the system active by automating mouse movements & clicks without user intervention. Used Win32 API for silent background execution without disrupting user workflows.
- **Use Case:** Prevents automatic logout in server environments and automates background tasks.

Vetometer App | Dart, Flutter, Android | [GitHub](#)

- A polling app that lets users create polls, cast votes, and view live results on any topic.
- Share its link in your friends' circle via any platform. Built on Flutter framework with a beautiful UI and smooth UX.

Achievements

- Best Rookie of the Year Award at Infosys with **Outstanding** rating & Excellent [client feedback](#).
- Secured 23rd position (Top 25) in the DataStax Global Hackathon: *Build a Modern Data App*
- Gold Medalist in International Olympiad of Mathematics (X).