

# Abhishek Puppala

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## SUMMARY

Software Engineer with 4 years of experience building scalable cloud-native solutions and cross-platform desktop applications using .NET, C#, and modern UI frameworks. Proven track record of improving system performance by 35% and achieving 90%+ deployment success rates in agile, production-grade environments.

## PROFESSIONAL EXPERIENCE

### Software Developer

*Adalitek group LLC*

May 2024 – Present

*Texas, USA*

- Improved blazor applications by redesigning 20 UI screens, leading to 25% higher user satisfaction per analytic funnels.
- Migrated key information databases to AWS Aurora MySQL for cost-effective scalability, reducing annual costs by \$20k.
- Developed a build automation pipeline that streamlined testing workflows for the application, enabling faster iteration cycles and reducing test build generation time, which significantly accelerated bug identification and resolution.
- Engineered reusable components for blazor application and connected via WebSocket architecture with JWT refresh token mechanism achieving sub-millisecond latency for real-time data streaming.
- Developed and launched Minimum Viable Products (MVPs), accelerating product delivery timelines by 16% and enabling rapid iteration through data-driven insights and direct customer feedback.
- Upgraded the application's codebase from .NET Framework to .NET Core, enhancing performance, and cross-platform compatibility, while optimizing the installer using WiX-v4 to streamline deployment and reduce complexity for end users.

### Software Developer

*Delhivery Pvt Ltd.*

April 2020 – September 2022

*Hyderabad, India*

- Contributed to internal dashboard development using JavaScript and Bootstrap for financial and logistics reporting.
- Built telemetry logging system using Serilog and CloudWatch with correlation IDs, cutting debug time by 70%
- Architected multi-tenant API with Active Directory login support for live instrument authentication and feedback communication, integrated it into WPF and MAUI application (Play Store) for auth needs, enhancing security by 20%
- Migrated components to .NET 8.0 while ensuring NuGet compatibility, improved application performance by 30%
- Designed and deployed AWS Lambda functions to handle asynchronous payment status updates and webhook events, improving processing efficiency by 40% and ensuring real-time consistency across payment microservices.

## TECHNICAL SKILLS

**Programming Skills:** : Microservices, Object-Oriented, data structures and algorithms, **OS** (LINUX, UNIX, Windows).

**DevOps & Cloud:** AWS Lambda, Elasticsearch, CloudWatch, Jenkins, UCD, S3, GitHub, Bitbucket, JFrog, Fortify, Devtron, Azure (App Service, Container, App Register, SQL Database), Docker, Kubernetes, Kafka.

**Frameworks & Libraries:** Avalonia UI, WPF, WinForms, XAML, Django, Spring Boot, React, .NET Core, .NET Framework

**Databases:** SSMS, DynamoDb, PostGreSQL, MySQL, Oracle

**Technologies:** C#, Java, Python, HTML5, CSS, JavaScript, REST API, Git, CI/CD, Agile methods, Shell Scripting, JIRA, MVVM, React, Angular, Visual Studio

## PROJECTS

### Basic Voice Assistant - [Github](#)

- Developed Python-based AI VoiceAssistant to automate desktop and web tasks, which includes launching applications.

### ULFS System | *University Lost and Found System* - [Github](#)

- Developed Full stack Django app for reporting lost items in university using Azure.

### Cricket Umpire Gesture Image Recognition - [Github](#)

- Developed a comparison between Neural networks models for 9 image gestures recognition using Django based UI.

## EDUCATION

### University Of North Texas

*Masters in Data Science*

Texas, USA

### B V Raju Institute Of Technology

*Bachelors in Computer Science*

Hyderabad, India

## ACHIEVEMENTS AND CERTIFICATIONS

- Received a certificate and token of appreciation from CEO Amit Bansal for outstanding performance in Data Structures and Algorithms.