

# Aashish Basyal

Software Engineer

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## Professional Summary

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I am a highly-motivated computer science graduate with knowledge in Flutter, .NET, Angular and SQL. Having strong interest in web and app development, I always strive to learn new technologies. As a team player, I value collaborative effort towards achieving organizational goals.

## Work Experience

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### IMARK Pvt. Ltd.

March 2023 – Present

#### Software Developer

- IMARK is a software development company specializing in Fintech and Healthcare domains, serving banks, hospitals, and retailers.
- Refactored existing systems and optimized SQL queries for improved performance.

### Projects:

#### IPOS and Bank Portal

- Manages POS devices, tracks deployments, handles configuration, and maintains communication between Banks and IMARK.
- Performed code refactoring and query optimization to improve system performance.

#### TMS (Terminal Management System)

- Designed and developed the system architecture using .NET Core 6 and Angular.
- Enabled POS (Android terminal) to download data files (images, banner, logo, APK, etc.) and report real-time status.
- Implemented digital signatures using .pfx files (OpenSSL) and secured TLS communication between client and server.
- Integrated AES encryption for sensitive data during transmission and storage.
- Implemented Google Two-Factor Authentication for enhanced login security.
- Parsed complex JSON responses to XML for configuration management.
- Designed, developed, and maintained web applications using ASP.NET and Angular.
- Implemented CI/CD pipelines using Azure DevOps to streamline development and deployment processes.
- Collaborated with cross-functional teams to define, design, and ship new features for web applications.
- Conducted code reviews, provided constructive feedback, and mentored junior developers.
- Documented code, development processes, and contributed to knowledge transfer sessions.
- Worked in Agile teams, managing sprint planning, daily stand-ups, sprint reviews, and retrospectives.

#### MMS (Merchant Management System)

- Developed a system for merchants to register and generate QR codes for POS terminals.
- Enabled the addition of terminals, QR display for transactions, and merchant management.
- Supported secure payment processing and administrative management tools.

#### Card Support System

- Developed modules for card requests and printing functionality.
- Implemented tracking for pending and new card requests.

## Technical Skills

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**Languages:** Dart (Flutter), C#, TypeScript, SQL

**Frameworks:** .NET Core 5, 6, 8; Angular

**Database:** MS SQL Server

**Architecture:** Clean Architecture, CQRS (MediatR)

**Security:** Identity Server, Role & Permission-based Authorization, Digital Signatures, TLS, AES

**Tools:** Visual Studio, VS Code, Git, Azure DevOps

## Education

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**Bachelor's Degree in Computer Science**

*2018 – 2023*

*New Summit College, Tribhuvan University — 69%*

**Class 12 (NEB) — 58%**

*2018*

**Class 10 (NEB) — 83%**

*2016*

## Declaration

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I solemnly declare that all the above information is true and correct to the best of my knowledge and belief.

*Last updated: 12th Dec, 2024*