

# Avishka Gihan

## ASSOCIATE Software Engineer

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### PROFESSIONAL SUMMARY

Full-stack developer with hands-on experience in building scalable web applications using .NET, Angular, Entity Framework, and MS SQL Server. Strong expertise in both front-end and back-end development, with experience in enterprise systems like HR Management, School Management, and POS. Passionate about clean architecture, user-friendly design, and continuous learning.

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### WORK EXPERIENCE

#### Associate Software Engineer , Soft Gallery

Nov 2024 - Present

- Developed a fully integrated HR Management System using C# .NET, Entity Framework, and MS SQL Server.
- Implemented real-time UI components using jQuery and AJAX, improving interactivity and responsiveness.
- Worked on core HR modules like attendance tracking, leave management, payroll processing, and employee onboarding.
- Managed deployment pipelines and application hosting via IIS servers.
- Automated HR reports using SSRS, enhancing data accessibility and decision-making.

#### Associate Software Engineer , Devzec Technologies

Jan 2024 – Nov 2024

- Contributed to a School Management System, focusing on database design, Web API integration, and Angular-based front-end.
- Developed stored procedures and generated dynamic reports via SSRS.
- Maintained deployment pipelines and application configurations.
- Improved user workflows by building efficient and scalable backend logic.

#### Intern Software Engineer , Devzec Technologies

Jul 2023 – Jan 2024

- Designed a standalone POS System using Windows Forms and .NET technologies.
  - Built features for login, invoice generation, transaction handling, and receipt printing.
  - Created interactive wireframes and intuitive UI using Windows Forms and best UX practices.
  - Gained experience in software lifecycle management and working in agile teams.
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### EDUCATION

#### BEng (Hons) in Software Engineering

London Metropolitan University

Feb 2023 - Sep 2024

#### Higher National Diploma in Software Engineering

E-soft Metro Campus

Feb 2021 - Feb 2023

#### GCE Advanced Level

S. Thomas' College

Jan 2017 – Sep 2020

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## SKILLS & TECHNOLOGIES

### Front-End Development:

- Angular, React, jQuery, HTML5, CSS3, JavaScript, Tailwind
- UI/UX Design, Wireframing

### Back-End Development:

- C#, ASP.NET Core, .NET Framework, Entity Framework
- Web API, Spring Boot (Basic), Node.js (Basic)

### Database & Reporting:

- MS SQL Server, Stored Procedures, SSRS Reports
- MongoDB (Basic)

### Tools & DevOps:

- Git, Visual Studio, VS Code, Postman, IIS Server
- CI/CD Pipelines, REST API Testing

### Other Tech:

- MERN Stack (Basic): MongoDB, Express.js, React, Node.js
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## PROJECTS

### HR Management System – Soft Gallery

Technologies: C# .NET, Entity Framework, MS SQL Server, jQuery, SSRS

- End-to-end development of HR modules: employee directory, leave management, attendance, and payroll.
- Designed reusable components for CRUD operations and implemented role-based access control.
- Automated report generation using SSRS for HR and accounting departments.

### School Management System – Devzec Technologies

Technologies: ASP.NET Core, Angular, MS SQL Server

- Developed features for student records, scheduling, exams, and result management.
- Integrated Web APIs and worked on real-time data handling using Angular services.

### POS System – Devzec Technologies

Technologies: Windows Forms, .NET Framework

- Built standalone billing software with login, direct printing, and data synchronization features.

### BINHUB Waste Disposal Reselling System

Technologies: PHP, E-commerce

- Facilitated waste-to-resource transactions via a community-driven e-commerce platform.

### E-COM Computer Store Web App

Technologies: ASP.NET MVC

- Developed a custom product builder and shopping experience with real-time inventory updates.
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## REFERENCES

Mr. Susith De Silva

Chief Operating Officer, Soft Gallery

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Mr. Geeth Weerasinghe

Academic Head, E-soft Metro Campus Gampaha

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