

# DUVINDU RATHNAYAKE

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GitHub : [github.com/DuvinduRathnayake](https://github.com/DuvinduRathnayake) | Portfolio: [DuvinduRathnayake](#)

## Summary

Dynamic and results-driven IT professional with over two years of experience in software development and system analysis. Proficient in designing, implementing, and maintaining enterprise-level applications using modern programming languages and frameworks. Adept at collaborating with cross-functional teams and delivering high-quality solutions in Agile environments. Known for exceptional problem-solving skills, technical expertise, and a strong commitment to meeting organizational goals.

## Experience

### **Associate Software Engineer** | Hsenid Business Solutions – Colombo, Sri Lanka | 12/2020 – 12/2022

- Developed and maintained a comprehensive HR system using .NET, VB.NET, C#, SQL Server, Oracle, Knockout.js, JavaScript, HTML, CSS, and Bootstrap technologies, ensuring efficient management of employee data and processes.
- Collaborated with business teams to define system analysis, application requirements, and design, delivering high-quality software solutions aligned with business needs.
- Participated in Agile development sprints (weekly sprint planning, backlog refinement, daily scrum meetings), ensuring timely delivery of software features and improvements.
- Contributed to system integration via Web Services (SOAP, REST), and enhanced application integration with external systems.
- Conducted comprehensive testing procedures, including unit testing and integration testing, to ensure the reliability and performance of both the HR system and web applications.
- Participated in peer code reviews, providing constructive feedback and ensuring adherence to coding standards and best practices.
- Participated in project planning, estimations, and status updates, demonstrating strong project management skills and attention to detail.
- Created detailed documentation for technical systems, processes, and decisions, enabling effective communication with stakeholders.
- Contributed to the design and implementation of system architectures and use cases, supporting the software development life cycle (SDLC) and testing.
- Provided on-call support for critical applications, ensuring system uptime and fast issue resolution, including during after-hours and weekends.

### **Intern Software Engineer** | Hsenid Business Solutions – Colombo, Sri Lanka | 05/2020 - 11/2020

- Assisted in debugging and troubleshooting HR system modules developed in .NET, VB.NET, and C#.
- Conducted thorough testing of web applications, contributing to system reliability and performance improvements.
- Participated in Agile project planning and status updates, demonstrating strong collaboration and organizational skills.
- Supported the development team with system analysis and integration efforts.
- Enhanced understanding of software development life cycles and technical documentation.

## Education

- Post-graduate Certificate in Web Development | Conestoga College Kitchener ON (GPA: 3.6)
- Higher National Diploma in Software Engineering | NIBM Sri Lanka | 08/2022 (GPA: 3.8)
- Diploma in Software Engineering | NIBM Sri Lanka | 10/2021 (GPA: 3.6)
- Advanced Certificate in English Language | NIBM Sri Lanka | 09/2018

## Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900) – **In progress**

**Expected Completion: August 2025**

- Covers cloud concepts, Azure services, workloads, pricing, governance, and security fundamentals

## Skills

### Technical Skills

- **Programming Languages:** .NET (C#, VB.NET), Java, JavaScript, SQL, PLSQL, PHP, HTML, CSS
- **Frameworks and Tools:** Angular, React js, ASP.NET, WPF, MVC, Knockout js, Bootstrap, REST, SOAP, Web Services, Agile, Scrum, GitHub
- **Database Management:** MongoDB, Oracle, SQL (MySQL, SQL Server)
- **Version Control:** GitHub
- **Development Methodologies:** Agile, Scrum
- **Software Development Life Cycle (SDLC):** Experience in all stages, from requirements gathering to deployment and support
- **System Integration:** Web Services (SOAP, REST), application integration with external systems
- **On-call Support:** Experience with after-hours and weekend support for critical manufacturing systems
- **Documentation & Communication:** Strong verbal and written communication, technical documentation, and cross-team collaboration

### Soft Skills

- Strong verbal and written communication skills, capable of articulating technical concepts to non-technical stakeholders.
- Strong problem-solving abilities.
- Team player with a collaborative mindset.
- Adaptable to dynamic work environments, including overtime, plant support, and occasional travel
- Adaptable and able to work effectively in fast-paced environments.
- Time management and organizational skills.
- Attention to detail, strong problem-solving abilities, and the ability to maintain high-quality work under pressure
- Ability to work independently and take initiative when needed.