

# DESHAN DE SILVA

## SOFTWARE ENGINEERING UNDERGRADUATE

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### SUMMARY

Enthusiastic and results driven Software Engineering undergraduate with expertise in software architecture, development, and testing. Skilled in leveraging AI tools and modern technologies to enhance productivity, problem solving, and innovation, while actively seeking opportunities in **Software Engineering** to apply and grow these skills. Quick to research and adapt to new technologies, ensuring continuous growth. Passionate about designing scalable, high quality software solutions that deliver real world impact.

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### EDUCATION

BSc (Hons) Software Engineering 2022 – Present

#### NSBM Green University

- Final year undergraduate with a **3.76** GPA.
- Experience in software design, system analysis, database management, and full application development, applying algorithms and project management principles to deliver efficient, user centered software.

G. C. E. Advanced Level Examination

2017 – 2020

#### Biological Stream

St. Aloysius College, Galle

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### TECHNICAL SKILLS

- **Programming Languages:** C#, Java, C, JavaScript
  - **Frameworks & Technologies:** .NET Core, Blazor
  - **Databases:** MySQL, SQL Server, MongoDB
  - **Testing & Quality Assurance:** Manual Testing, Automation Testing, Postman, JMeter
  - **Version Control & Code Management:** GitHub, Bitbucket
  - **Cloud & DevOps:** Docker, Azure, AWS Services, Remote Server Management
  - **Project Management:** Agile Methodologies
  - **UI/UX Engineering:** Figma, React
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### SOFT SKILLS

Time management, Attention to detail, Critical thinking, Problem solving, Adaptability and willingness to learn, Communication skills, Collaboration, and ability to work effectively in team environments.

## FREELANCING

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### SOFTWARE DEVELOPMENT PROJECTS

- **MySales MVC – Full Stack Sales & Inventory System**  
ASP.NET Core 8.0 MVC app using EF Core and Identity. Includes Customer & Item CRUD, dashboard, and secure authentication.  
Technologies: ASP.NET Core 8.0, C#, EF Core, MySQL, Identity, Bootstrap
  - **Sky Auction Management System**  
Auction system with database integration and QA testing.  
Technologies: SQL Server, UML, Manual Testing, VS Code
  - **Perfume E-Commerce Website**  
E-commerce web app for perfumes with complete MVC structure and database integration.  
Technologies: JSP, Java Servlets, JavaScript, CSS, MySQL
  - **Bus Seat Booking System – UI Design**  
Designed UI for Makumbura Multimodal Center booking system.  
Technologies: Figma, User-Centered Design
  - **UGC Website – UI Redesign**  
Redesigned UGC Sri Lanka website for better usability and modern layout.  
Technologies: Figma, Human-Centered Design
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### INVOLVEMENTS

<b>President</b> - CompuVate Association - NSBM	<b>2024 - Present</b>
<b>Chief technical lead</b> - Association of Software Engineering - NSBM	<b>2025 - Present</b>
<b>Secretary</b> - IEEE Student Branch - NSBM	<b>2025 - Present</b>

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### CERTIFICATIONS

- **ISTQB ( Referring )**
  - **Full Stack Engineering ( Referring )** - University Of Moratuwa
  - **Business Analysis and Process Management** - Coursera
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### NON-RELATED REFERENCES

**Ms. Shanali Fernando**  
Tech Lead  
eVision Microsystems  
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**Ms. Yasanthika Mathotaarachchi**  
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