

DEEPU DINESH

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PROFESSIONAL SUMMARY

Enthusiastic BSc (Hons) Software Development student at Technological University of Shannon (Moylish Campus) with a strong foundation in programming (C#, C++, Java, Python) and web/app development. Skilled in creating responsive, user-centric applications using HTML, CSS, Bootstrap, PHP, and JavaScript. Experienced with 3D graphics and game engines, including Unity3D, Unreal Engine and Blender. Eager to apply technical and problem-solving skills to real-world projects and innovative software solutions.

SKILLS

C++, C#, Java, Python, HTML, CSS, Bootstrap, JavaScript, PHP, Unity, Unreal, Blender, Photoshop

HOBBIES

- Strength training & Martial Arts (Judo, Boxing, Calisthenics)
- Sports (Cycling, Badminton)

WORK EXPERIENCE

Freelance Developer, Fiverr

2022 – 2023

Profile Link: www.fiverr.com/tyrobyte

Gig Reviews Link (1): www.fiverr.com/tyrobyte/create-c-sharp-scripts-and-simple-features-for-your-unity-projects

Gig Reviews Link (2): www.fiverr.com/tyrobyte/bug-fixing-in-unity

- Designed and developed custom graphical or gameplay focused projects according to client specifications using Unity3D, Blender, Photoshop and a wide variety of tools to adhere to graphical, audio and visual requirements from clients.
- Delivered 85% of client orders on schedule and secured a 100% satisfaction rate, demonstrating efficiency and reliability in project execution.
- Engaged with a diverse international clientele, interpreting requirements through the language barrier while delivering consistent high-quality results, maintaining an excellent satisfaction rating.
- Engineered and published custom libraries and tools to accelerate and automate development process, making it accessible on GitHub as open-source resources for the developer community.
- Authored comprehensive visual documentation and practiced effective coding standards, enhancing code readability and expandability.

EDUCATION

BSc (Hons) in Software Development

2023 – Present

Year-1 GPA: 75 | **Year-2 GPA:** 64

Technological University of Shannon

MODULES & GRADES (SEMESTER 1 - YEAR 2)

- **(Semester 1) Object Oriented Theory and Programming** - 93
- **(Semester 1) Discrete Mathematics** - 66
- **(Semester 1) Fundamentals of Data Structures and Algorithms** - 62
- **(Semester 1) Networking Fundamentals** - 59
- **(Semester 1) Data Design and Programming** - 55
- **(Semester 1) Software Development** - 41

MODULES & GRADES (SEMESTER 2 - YEAR 2)

- **(Semester 2) Applications Development** - 91
- **(Semester 2) Data Driven Systems** - 89
- **(Semester 2) Problem Solving with Data Structures and Algorithms** - 66
- **(Semester 2) Real Time Embedded Systems** - 53
- **(Semester 2) Public Cloud Foundations** - 46
- **(Semester 2) Software Testing** - 48

Secondary School - Leaving Cert

2020 – 2023

Grade XII GPA: 70%

New Millennium School, Bahrain - (Central Board of Secondary Education)

CERTIFICATES

- Python Specialization Course – University of Michigan (Coursera) **Nov 25, 2020**

PROJECTS

Personal Portfolio Website

2025 | HTML, CSS, Bootstrap

GitHub Repo: <https://github.com/DeepuDinesh05/DeepuDinesh05.github.io>

- Built a **personal portfolio website** to showcase web development skills and personal projects.
- Designed a **fully responsive** multi-page layout to present educational background, resume and work experience in an accessible format.
- The project was made in **HTML** and **Bootstrap** is used for styling alongside **CSS**.

Checklist – Simple To-Do Application

2025 | HTML, JS, CSS, Bootstrap

GitHub Repo: <https://github.com/DeepuDinesh05/Checklist>

- Developed a simple **task management web-application** hosted on GitHub Pages.
- Built using **HTML, JS, CSS** and **Bootstrap** for a responsive and intuitive user experience.
- Implemented features such as **adding and deleting tasks**, **checking/unchecking tasks**, **importing and exporting tasks**.
- Used **cookie-based data persistence** to overcome static hosting limitations on GitHub Pages due to lack of server-side storage support (No PHP/MySQL support).
- Implemented **import-export functionality** to save and load tasks from and to text files, enabling persistent user data as a fallback.

Password Management System (Terminal-Based)

Grade XII Final Project - 2023 | Python, MySQL

GitHub Repo: <https://github.com/DeepuDinesh05/Password-Management-System>

- Developed a **password management system** using **Python** and **MySQL** enabling secure storage and retrieval of login credentials.
- Designed a **structured database schema** to store usernames and passwords, ensuring efficient data handling and retrieval.
- Implemented **user input validation** to prevent incorrect data entry and ensure data integrity.
- **Documented project structure**, database schema and system functionality, making it easily understandable for future improvements.