KYAW ZAW HEIN

WEB DEVELOPER

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EDUCATION

**Bachelor of Science in
Computer Science**
Edinburgh Napier University (ENU)

Bachelor of Science in Geography
University for Distance Education

CERTIFICATIONS

- Code Lab

- Exbrain Education

- MMSIT Educaiton Center

PROFILE

Frontend developer skilled in HTML, CSS, JavaScript, jQuery, Tailwind, and Bootstrap, with a focus on creating responsive web interfaces. While my strength lies in frontend, I'm expanding my backend knowledge in PHP and Laravel and have explored React as well. Eager to grow further in software engineering.

PROJECT EXPERIENCE

1st Year Project

OOP Project for Medical Care

- Applied foundational Object-Oriented Programming (OOP) principles to design and develop a basic system for managing medical care services using C++.
- Implemented key OOP concepts, including classes, objects, inheritance, polymorphism, and encapsulation, to structure and organize the system efficiently.
- Developed features for patient records, scheduling, and billing, showcasing practical applications of C++ for real-world problem-solving.
- Strengthened understanding of software design principles and structured programming through hands-on coding and testing.

Hotpot City Website

- Designed and developed a website for Hotpot City, emphasizing user experience and visually appealing layouts.
- Utilized HTML, CSS, and JavaScript to create an intuitive and responsive interface.

LANGUAGE SKILL

English	**Conversational**
Japaness	**Elementary**

LANGUAGES

Java	★ ★ ★ ★
Python	★ ★ ★ ★
Php	★ ★ ★ ★

FRONTEND

HTML	★ ★ ★ ★ ★
CSS	★ ★ ★ ★ ★
React.js	★ ★ ★ ★
Vue.js	★ ★ ★ ★

BACKEND

Laravel	★ ★ ★ ★ ★

CSS FRAMEWORKS

Tailwind Css	★ ★ ★ ★ ★
Bootstrap	★ ★ ★ ★ ★

PROJECT EXPERIENCE

2nd Year Project

Airline Ticket Web Application

- Developed a web application for selling airline tickets, utilizing PHP,MySql, HTML, CSS, JavaScript, and Bootstrap.
- Integrated payment gateways and booking systems to streamline the user experience.
- Designed a responsive interface to ensure compatibility across different devices

IT Virtualization for Network Management

- Created a network management system leveraging virtualization techniques to enhance resource management.
- Implemented automated network resource allocation, improving scalability and efficiency.
- Incorporated advanced monitoring and reporting tools to optimize network performance.

3rd Year Project

Jewelry Selling Website

- Developed an advanced e-commerce application for jewelry sales using Python, HTML, CSS, JavaScript, and jQuery.
- Designed a responsive and visually appealing layout to ensure compatibility across all devices.

Ad-hoc Routing Protocols for WLAN

- Conducted research and implementation of ad-hoc routing protocols for Wireless Local Area Networks (WLAN).
- Explored and analyzed protocol performance, focusing on dynamic and decentralized network configurations.
- Developed a prototype to simulate routing behavior, optimizing network efficiency and communication reliability.
- Gained expertise in wireless networking principles and protocol design.

SOFT SKILLS

- Problem-Solving
- Team Collaboration
- Critical Thinking
- Communication Skills
- Creativity

HOBBIES & INTEREST

- Exploring and solving coding challenges
- Designing and building creative projects for fun.
- Learning about new technologies and tools.

PROJECT EXPERIENCE

Cybersecurity and Network Scripting

- Developed scripts to enhance network security by automating threat detection and mitigation processes.
- Implemented tools for monitoring network traffic, identifying vulnerabilities, and preventing unauthorized access.
- Gained hands-on experience with scripting languages like Python and Shell scripting for security tasks.
- Strengthened understanding of cybersecurity principles and network protocols.

2022 & Later Projects

Eancro TV - Game Streaming Website

- Collaborated with friends to design and develop a custom frontend for a game streaming platform using HTML, JavaScript, and Tailwind CSS.
- Created smooth, interactive animations and transitions using Tailwind CSS utilities, enhancing the user experience.
- Worked as part of a team to integrate dynamic animations with backend functionality for a fully interactive platform.

Trend Hub (E-Commerce Website)

- Developed and customized the UI theme from the admin panel to enhance user experience.
- Enabled dynamic updates to theme details, including colors, images, and banners, for better branding and flexibility.
- Collaborated with the team to implement seamless admin-to-user integration for content updates.

Alien Link Up Game (JavaScript Game, Group Project)

Created the idea for this unique game, responsible for the design, timing animations, story, puzzle creation, and sound effects.

Additional Projects

Completed 20+ mini projects on various topics.