

Zaw Wunna

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PROFILE

- With a robust background in computer science from the University of Computer Studies in Yangon, Myanmar, and extensive experience in programming languages, algorithms, and data structures, my expertise effectively tackles complex software challenges.
- Currently residing in Los Angeles, honed advanced full-stack development skills through the intensive Software Engineering career track at Springboard, refining problem-solving abilities to create innovative software solutions.

EDUCATION

Software Engineering Career Track Certificate · Springboard 2023 - 2024

800+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 4 in-depth portfolio projects.

Bachelor's Degree · University of Computer Studies, Yangon, Myanmar 2015 - 2020

Acquired comprehensive knowledge in computer science through hands-on projects, coding challenges, and collaborative research.

Skills

HTML, CSS, Python, Flask, Javascript, Node.js, React.js, Express.js, PostgreSQL, Git, Data structures and Algorithms

PROFESSIONAL EXPERIENCE

Springboard

2023 - 2024

Software Engineering Trainee

Mastered skills in front-end and back-end web development, databases, and data structures and algorithms.

Capstone 1 - Meta City App - A website for superheroes fans.

- Developed and implemented HTML, Python, and JavaScript-based web application using Flask, PostgreSQL, and SQLAlchemy; optimized database queries resulting in 30% faster page load times and improved user experience.
- Spearheaded the integration of Bcrypt and WTForms for enhanced security and user authentication in the web application; reduced the risk of data breaches and ensured a seamless user registration process.
- A responsive web application provides a comprehensive resource for superhero enthusiasts. Educated users about various superheroes and their backgrounds. Engaged users with exciting comic stories and character details.

Skills: HTML · CSS · PostgreSQL · Python · Flask · JavaScript

Capstone 2 - MusicSphere Websit - A vibrant platform for music enthusiasts.

- Built and deployed an interactive web app with Node.js, Express.js, React.js, and PostgreSQL, ensuring seamless user interactions and efficient data handling.
- Enhanced user experience with intuitive interfaces using CSS and React.js, integrating theaudiodb API for access to extensive music content.
- Implemented features allowing users to explore music without creating an account and enabled account creation for users to create and manage playlists.

Skills: Express.js, CSS, React.js, Node.js, PostgreSQL, JavaScript, HTML.

IT Intern

2020 - 2021

Mandalay Technology Co.,Ltd

- Diagnosed and repaired software/hardware faults, resolved network issues, and installed/configured hardware and software.
- Conducted thorough testing of new software and hardware, developed/executed test plans, and identified bugs/issues before deployment.
- Collaborated with developers to provide feedback, documented test findings, and followed up on resolution progress to ensure optimal performance.

Skills: Problem Solving · Technical Support · Troubleshooting · Testing · Communication

Software Developer

2019 - 2020

Department of Civil Aviation, Myanmar

- Participated in a tech event and collaborated with the Department of Civil Aviation Myanmar to develop a multiple-choice question exam for pilots using Java, JavaFX, and MySQL.
- Coded, designed, and managed the application, ensuring it met specific requirements.
- Conducted comprehensive testing to enhance reliability and provided end-user support for seamless usage.

Skills: JavaScript · HTML · MySQL · Oracle Database · Problem Solving · JavaFX · PHP · PhpMyAdmin · Troubleshooting