

Jawad M. Taki

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Summary

Third-year Computer Science student with strong focus on backend development and problem-solving. Experienced in building and deploying real-world web applications using Node.js, MongoDB, and React. Proficient in full-stack development with demonstrated ability to create scalable backend systems and production-ready solutions. Seeking internship or junior software engineering role to contribute technical expertise to innovative projects.

Education

Lebanese American University
BS in Computer Science

Expected Fall 2026

Experience

Web Developer Intern

Nov 2023 – Jan 2024

Integrated Digital Systems (IDS), Beirut, Lebanon

- Developed and maintained dynamic web applications using **PHP, MySQL, HTML, CSS, and JavaScript**, implementing modern web development practices.
- Designed and implemented relational databases with optimized CRUD operations, ensuring data integrity and efficient query performance.
- Applied object-oriented programming principles to create modular, maintainable, and scalable code architecture.

Technical Projects

Reactors: Book Tracking System

[Live Demo](#)

- Built comprehensive full-stack book tracking application using **React (Vite)** for frontend and **Tailwind CSS** for responsive, modern UI design.
- Developed robust backend REST APIs using **Node.js, Express.js, and MongoDB**, implementing RESTful architecture principles for scalable data management.
- Implemented secure authentication system with **Google OAuth** integration and **OTP-based email verification** for enhanced user security.
- Successfully deployed frontend on **Vercel** and backend on **Render**, demonstrating proficiency in modern cloud deployment practices.

Technical Skills

Programming Languages: JavaScript, Python, C, Java, C#, PHP, SQL

Frontend Development: React, Vite, HTML5, CSS3, Tailwind CSS, Responsive Design

Backend Development: Node.js, Express.js, RESTful APIs, Microservices Architecture

Databases: MongoDB, MySQL, Database Design & Optimization, CRUD Operations

Authentication & Security: Google OAuth, OTP-based Email Verification, Secure Authentication Systems

Tools & Systems: Git, GitHub, Linux, Version Control, Agile Development

Deployment & Cloud: Vercel, Render, Cloud Deployment, CI/CD Practices

Certifications & Professional Development

AWS Solutions Architect

In Progress

- Currently pursuing AWS Solutions Architect certification to expand cloud computing expertise and infrastructure design capabilities.