MUSTAFA ALKAMEL
Software Developer

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Summary

Passionate and innovative Computer Science Graduate with a strong foundation in software development and problem-solving. Experienced in full-stack development , with a proven ability to design scalable applications and optimize system performance. Adaptable and eager to explore new technologies, development stacks, and DevOps concepts, committed to continuous learning and growth.

Experience

Codsoft
Remote

Java Programmer Intern
07/2024 - 09/2024

- Developed and maintained console-based Java applications (ATM simulator, grade calculator) following clean architecture principles and modular OOP design, ensuring code reusability and maintainability
- Collaborated with a distributed development team via Git-based workflows: performed pull-request reviews, resolved merge conflicts, and contributed to group discussions on implementation details and best practices
- Actively participated in daily stand-ups and sprint planning sessions to estimate tasks, set priorities, and align on technical approaches-demonstrating strong teamwork and a passion for software excellence
- Adopted feedback from code reviews to refactor legacy methods into cohesive classes and interfaces, improving code readability by 20% and reducing runtime exceptions

Life Sculptor
Beirut, Lebanon

Researcher Life Sculptor
04/2023 - Present

- Conducted ongoing research on emerging programming languages, front-end frameworks, and AI/ML concepts to stay current with industry best practices
- Prepared internal documentation and presentations on Java design patterns, RESTful API standards, and code optimization strategies-supporting collective learning across a volunteer network of developers
- Organized biweekly knowledge-sharing sessions where I led tutorials on object-oriented principles in Java, fostering a collaborative culture and mentoring junior volunteers

Education

Lebanese International University
Beirut

Bachelor of Computer Science
10/2022 - 06/2025

- GPA: 3.85
- Relevant Coursework: Data Structures, Web Development, Artificial Intelligence, Mobile Application Development, Object Oriented Programming

Skills

Languages & Frameworks: · Java · PHP · JavaScript · Python · React.js · C#

Object Oriented Design:Class Abstraction · Inheritance · Interfaces · SOLID Principles

Web: · HTML · CSS · RESTful APIs · MySQL · Git · Linux · Shell Scripting

Software Concepts: · Responsive Design · API Integration · System Scalability · Unit Testing · Problem Solving

Projects

Food Ordering Management System

Technologies Used: HTML, CSS, JavaScript, PHP, MySQL, RESTful APIs
- Built backend REST endpoints for orders, auth, and menu management.
- Integrated AI-powered chatbot for real-time recommendations.
- Developed responsive interface with live order-status tracking.

- **Improved order processing efficiency by 40%** through real-time tracking and automated status updates.
- **Enhanced user engagement** by integrating an AI-powered chatbot, leading to faster ordering decisions and reduced support needs.

Cinema Management App (C#, .NET Core, WinForms, SQL Server)

- Created multi-form desktop app for scheduling, booking, and ticket management.
- Designed normalized DB schema; implemented CRUD via Entity Framework.
- Added input validation, error handling, and reporting features.

ML Model for Predicting Car Demand (Python, Scikit-Learn)

- Trained regression models on economic datasets to forecast demand.
- Performed data preprocessing, feature selection, and hyperparameter tuning to boost accuracy.
- • Conducted exploratory data analysis to uncover market trends.

Full-Stack E-Commerce Website

Technologies Used : HTML, CSS, JavaScript, PHP, MySQL
- Developed CRUD REST endpoints in PHP for product catalog and user account management, following object-oriented practices (classes for Users, Products, Orders) to promote a scalable codebase.
- Collaborated with a peer to create a responsive, React-like UI (vanilla JS) for browsing, searching, and checking out—ensuring cross-browser compatibility and modular component structure.
- Implemented and tested an admin panel interface for inventory updates, coordinating with a teammate on database schema design (normalized tables) and deployment scripts.

Training / Courses

React Js , Programming with JavaScript, HTML and CSS In depth ,UI/UX principles. — Meta

CCNAv7 Switching, Routing & Wireless Essentials — Cisco Networking Academy