# ZAHRAA IBRAHIM

## FULL-STACK DEVELOPER

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## PROFILE SUMMARY

Full-Stack Developer with 2 years of hands-on experience building web applications through internships and academic projects in real-world environments. Skilled in Node.js, NestJS, ExpressJS, RESTful APIs, SQL databases, and modern front-end frameworks, with a strong focus on scalable systems, clean code, and continuous learning.

## PROFESSIONAL EXPERIENCE

**Full Stack Developer Intern** — *eSchool-edu*
*Jun 2024 – Oct 2024* | Bier Hasan

- Contributed to a production-level full-stack system, developing secure RESTful APIs with Node.js/NestJS and responsive Angular interfaces.
- Designed and managed MySQL databases while meeting real business deadlines, earning an **Excellent evaluation (95/100)**.

**Full Stack Developer Intern** — *IDS Academy*
*Jun 2024 – Oct 2024* | Bier Hasan

- Developed backend features using PHP and MySQL, including database design, CRUD operations, and RESTful API development.
- Led weekly task coordination and delivered a complete sales platform ranked among the **top internship projects**.

## PROJECTS

**Online Payment Module**
- Built a secure online school fee payment system using Node.js, NestJS, Angular, and MySQL with real-time transaction processing.
- Integrated Tap payment gateway, JWT authentication, role-based access control, analytics dashboards, and Dockerized deployment.

**Fillia**
- Developed a full-stack community donation platform using Node.js, Express.js, React.js, and MongoDB.
- Implemented ML-based recommendation, trust scoring, and image validation to improve reliability and fraud prevention.

**Green Coffee**
- Built a sales-oriented web platform using PHP focused on usability and smooth transaction flow for small businesses.
- Implemented core e-commerce features, including product listing and purchasing functionality, to support basic sales operations.

**Sweep to Sparkle**
- Developed a full-stack ASP.NET Core MVC 8 application following OOP and MVC best practices.
- Implemented secure SQL-backed authentication, CRUD operations, and a responsive Bootstrap-based UI.

**Complex Management System**
- Built a full-stack residential management system using Flask, Angular, and MySQL with structured role management.
- Designed RESTful APIs with SQLAlchemy and a secure Angular admin dashboard supporting CRUD and advanced queries.

## EDUCATION

**Bachelor of Science (B.Sc.) in Computer Science**
*Al Maaref University, Lebanon* | 2021 – 2025
**CGPA: 3.40/4.0**

- **Relevant Courses:** Web Programming (front-end/back-end), Mobile Application Development, Software Engineering, Artificial Intelligence, Algorithms, Database Systems, Computer Networks, Data Structures, Operating Systems, Object Oriented Programming, C++ Programming, Computer Organization.

## AWARDS AND CIRTIFICATES

- Best Graduation Project Award (Third Place) **– Graduation Project Competition, Academic Year 2024–2025**
- Dean's List **– Academic Excellence, Four Consecutive Semesters (2022–2024)**
- SOLID Excellence: Writing Clean and Scalable Code **– Certificate of Completion, Workshop by Sami Shames El Deen (Aug 2025)**
- Elements of AI for Business **– Certificate of Completion, University of Helsinki & MinnaLearn (Aug 2025)**
- AI in eFlow **– Certificate of Completion, eFlow Learning Platform (Sep 2025)**
- Prompt Engineering Webinar **– Certificate of Attendance, Tech Trendy Talks (Jul 2025)**

## TECHNICAL SKILLS

- **Frontend:** HTML, CSS, JavaScript, TypeScript, Angular, React.js, Tailwind CSS, Framer Motion, Bootstrap
- **Backend:** ASP.NET, C#, PHP, Node.js, NestJS, Express.js, Flask
- **Databases:** MySQL, SQL, MongoDB Atlas
- **Developer Tools:** Git, Postman, Docker, MySQL Workbench, SSMS, XAMPP, PhpMyAdmin, Axios, Jupyter Notebook, Microsoft Office
- **Frameworks & Principles:** MVC Architecture, SOLID Principles, RESTful APIs
- **Operating Systems:** Windows, Android, iOS

## LANGUAGES

- **Arabic**: Native
- **English**: Intermediate Listener, Advanced Reading, and Writing.