

Mohamad Zarif

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science graduate with a strong foundation in software development, full-stack development, backend engineering, and AI workflow automation. Proficient in Java, Python, Flutter, React, and Node.js, with practical expertise in RESTful API design, JavaScript, Django, SQL, and cloud deployment. Skilled in leveraging Git-based version control, CI/CD pipelines, and Agile methodologies to build scalable, data-driven systems. Passionate about building intelligent, data-driven applications, automation, and analytics to create efficient, user-focused solutions. Aiming to grow into a full-stack or AI engineer role while contributing to innovative, forward-thinking engineering teams.

EDUCATION

Beirut Arab University – Beirut, Lebanon Bachelors in computer science.	Sep 2022 - May 2025
La Cime School – Choueifat, Lebanon Lebanese Baccalaureate, Life Science Section.	Sep 2008 - Jun 2021

EXPERIENCE

Roche - IT & Software Maintenance Intern • Assisted in maintaining and optimizing internal IT infrastructure and software systems, enhancing operational efficiency and system performance. • Handled incoming hardware and software support tickets, providing timely troubleshooting and user support while ensuring adherence to IT service management (ITSM) best practices. • Conducted routine system checks, software updates, and network diagnostics to maintain system integrity, reliability, and cybersecurity compliance.	Jun 2024 - Jul 2024
Mathematics & Physics Private Tutor • Delivered personalized tutoring sessions to high school students, focusing on concept mastery and problem solving. • Achieved measurable improvement of 20 - 25% in student grades. • Developed adaptive learning strategies and progress tracking.	Sep 2023 - Jun 2024

PROJECTS

Dashly - Business Analytics & AI Automation • Designed and developed a business analytics platform integrating React, Node.js, Airtable, and Python, focusing on efficient data flow and presentation. • Built a dynamic KPI dashboard using Recharts and MUI to track critical business metrics, including revenue, leads, conversion rates, and product performance. • Implemented real-time, event-driven automation workflows using n8n, resulting in instantaneous alerts.	Sep 2025 - Oct 2025
SustainGo - Mobile Application • Led the creation of a sustainable food delivery platform with real-time order tracking, handling test users. • Integrated Flutter/Dart frontend with Django and FastAPI backend, improving API response reliability by 30% through Agile sprints. • Used Postgre SQL for backend with render deployment for easier database management.	Sep 2024 - May 2025
BeePro - Java OOP Beekeeping Management System • Designed and developed a Java-based OOP desktop application for beekeeping management. • Implemented modules for hive performance and health, financial tracking, and productivity analytics.	Sep 2023 - Dec 2023

SKILLS

Technical Skills: Python, Java, C++, JavaScript, HTML, CSS, PHP, SQL, Django, PostgreSQL, Flutter, Springboot, Angular, React, Node.js, n8n.
Soft Skills: Problem Solving, Analytical Thinking, Strong Communication skills, Teamwork.
Productivity Tools: Microsoft Word, Excel, PowerPoint.

LANGUAGES

Native in Arabic, Professional in English, and Advanced in French.