

# ALI BAJOUK

## SOFTWARE ENGINEER

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### EDUCATION

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- Bachelor's in Computer and Communication Engineering (Master Level), Antonine University, Lebanon (Expected Graduation at 2027).

### WORK EXPERIENCE

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- **Auvia Dev (August 2025 – Present):**  
I am working as a Penetration Testing Intern, where I conduct penetration testing using Kali Linux. My role involves working deeply with networking protocols, SSH tunneling, and proxy chains to identify and exploit vulnerabilities, while also gaining valuable hands-on experience in cybersecurity practices and system hardening.
- **Vanrise (June 2025 – August 2025):**  
I completed a Software Development Internship. During this time, I developed a Device Management Website that allowed clients to manage devices and assign phone numbers. I worked with .NET for backend development and AngularJS for frontend interfaces, collaborating with the team to improve efficiency and enhance user experience.
- **Ogero (January 2025 – April 2025):**  
I worked as a Full-Stack Development Intern. I developed a full-stack web application using React.js and Node.js, implemented JWT authentication to provide secure user access, and integrated multiple APIs to ensure seamless data flow and stronger application performance.

### PROJECTS

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- **Bank System:** Developed a C++ banking system that enables clients to manage their accounts, deposit/withdraw funds, transfer money, and for managers to oversee operations.
- **Search Engine Project (OOP Java):** Develop a semantic search engine that retrieves and display the documents based on the query entered by the user. And store the query and the search result in MongoDB.
- **Ecommerce Project (Full Stack):** Creating a two Ecommerce Website that contain and Admin council that allow to the admin to have an access on his accounts and allow to add or remove or update the products and can remove user and allow user to buy product and order it, one of them using HTML, CSS, JavaScript as a Frontend and NodeJs as Backend and SQL as DataBase, and the other using JavaFX as a Frontend and Java as a Backend and SQL as DataBase.
- **Blog Post Website:** Creating a Blog Post Website where each one can sign as a user and make a posts and can like and save each post he wants and also there is an Admin Panel where Admins can make admin or remove them and also can delete user and each user can update his profile and his posts and the website is secured from different XSS, and CSRF bugs using both frontend and backend (php) and connecting it to DataBase (MySQL).

### CERTIFICATES

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- Full Stack Web Development | June 2024 – December 2024.
- Fundamental of Cyber Security | December 2023 – February 2024.
- Course C++ Certificate | January 2022

### TECHNICAL SKILLS

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- Frontend : HTML, CSS, JavaFX, JavaScript, ReactJS, Angular, Bootstrap.
- Backend : NodeJs, Laraval, Java, C++, PHP, Python, Assembly.
- DataBase : SQL, PL\SQL, MongoDB.
- Tools : Visual Studio Code, Visual Studio, Eclipse, IntelliJ, MySQL WorkBench, phpMyAdmin.
- Others : Adobe Tools, Cisco Networking, Microsoft office.
- Cyber Security : Kali Linux, Metasploit, Burp Suite, Password Cracking, Web App Vulnérabilités (XSS, CSRF), DoS/DDoS, Hashing, Encryptions.

### LANGUAGE

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- English : Professional B2 / IELTS : 6.0/9.
- Arabic : Fluent/Native.