

Mohamad Mahdi Soueid

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EDUCATION

Lebanese American University, Beirut, Lebanon

September 2022-May 2025

Bachelor of Science in Computer Science

- Major GPA: 3.82/4.0, Placed on High Distinction list.
- Awarded multiple scholarships covering 100% tuition
- Ranked top 25 in Lebanese Collegiate Programming Contest
- Finalist in the 7th edition of the annual LAU Case Competition in 2024. Our team selected cases from Infineon, MSD, and Leo Burnett, where we achieved a 3rd place ranking in the MSD case and a 4th place ranking in the Leo Burnett case.

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, Python, C, C#, SQL, JavaScript , Dart.
- **Key Libraries / Frameworks:** Flutter, Android, ASP.Net, Cuda C.
- **Developer Tools:** Git/Github, AWS Cloud.
- **Others:** Kubernetes and Docker.

PROFESSIONAL EXPERIENCE

Allied Engineering Group, Beirut, Lebanon

Software Engineer

June 2024-July 2024

- Developed a Windows Service to automatically decrypt SWIFT messages from specific file locations and dynamically add them to a Microsoft SQL Server database.
- Utilized ASP.NET for the web framework , Telerik UI for interface logic and C# in the code-behind for backend logic.
- Created an Order Tracking System website that tracks customer orders and displays their progress and location using a stepper interface.

PROJECTS

Cloud-Based Python Web Application Deployment on AWS

April 2025

- Configured an S3 bucket with versioning for application version control.
- Set up a Load Balancer and Auto Scaling Group.
- Used CloudWatch metrics based on CPU utilization to trigger instance scaling

Containerized Node.Js Web app using Docker and Kubernetes

July 2024

- Setup a docker-compose file for server , worker , database and redis nodes.
- Set up a Yaml file for the services needed such as deployments , pods , cluster IP's , and ingress controllers.

Deployed a Springboot Web app using Docker , Ansible and Bash scripts on a Linux server.

May 2025

- Setup a docker-compose file to handle the Java and Postgres containers.
- Written an Ansible file to ensure the server have the needed dependencies.
- Deployed the application on the server using a Bash scripts that runs the Ansible playbook and clones the Repo of application from Github.

Flutter/ Firebase Running Application

May 2025

- Set up a Routes page integrated with Google Maps to guide users.
- Set up a Groups page for social Interaction and competing in Leaderboards.
- Set up a Trainings page with beginner plans for starters