

Gabriel KHOURY

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Summary

A dedicated 3rd-year Computer Science student with a strong foundation in software development, specializing in backend systems, DevOps, and cloud computing. Eager to contribute to impactful projects by leveraging cutting-edge technologies to build robust, efficient, and scalable software solutions.

Education

- **2022 - Present: CNAM - National Conservatory of Arts and Craft - Nahr Ibrahim - Lebanon**
Bachelor's Degree in Computer Science with a focus on Health Sciences and Technology.
- **2018 - 2019: CSMS - College of the young girl of Lebanon - Beit Habbak**
Lebanese Baccalaureate in General Science

Main Projects

- **Minishell Project - September 2024 - October 2024:**
Developing a Unix shell with built-in commands, signal handling, and command execution. Technologies: C, Linux, Shell Scripting.
- **Java Project - May 2024 - June 1st 2024:**
Desktop application to help a manufacturing company track resources and employees work efficiently. Technologies: Java Swing, Collections, MVC Pattern.
- **Devops Project - September 1st 2024 - September 7th 2024:**
Built a CI/CD Pipeline setup and utilized Jenkins, Docker, and Github webhooks for automating the deployment on AWS EC2. Technologies: Docker, Jenkins, AWS.
- **AI Job Matching Model - August 5th 2024 - August 9th 2024:**
Designed a machine learning model to optimize matching processes, reflecting experience with predictive analytics. Technologies: Python, Scikit-Learn.

Programs and Certifications

- **42 Beirut - June 2024 - Present:**
Intensive programming curriculum focused on practical and collaborative problem-solving.
- **Eurisko AI and Data Analyst Academy - July 2024 - August 2024:**
Completed foundational training in AI and data analysis, covering Machine Learning (ML), Natural Language Processing (NLP), data analysis, python.
- **Certified DevOps Engineer - Simplilearn - June 2024 - September 2024:**
Completed comprehensive DevOps training, covering tools and practices for continuous integration and deployment.
- **AWS Certified Cloud Practitioner - Amazon Web Services - October 2024:**
fundamental understanding of IT services and their uses in the AWS Cloud.

Experiences

- **2021 - 2022: Shift Leader, Room Service, F&B Department:**
Eddé Sands Hotel & Wellness Resort
- **2019 - 2021: Seasonal Employee, Room Service CDR, F&B Department:**
Eddé Sands Hotel & Wellness Resort

Technical Proficiencies

- Programming Languages: C, Java, Python, PHP.
- Web Technologies: HTML, CSS, JavaScript.
- Frameworks: Spring, Spring Boot, Java Swing, JavaFX.
- Database Management: SQL, PostgreSQL, Oracle.
- Backend Development: Java, Python, Spring Boot.
- Version Control & CI/CD: Git, GitHub, Jenkins.
- Containerization & Orchestration: Docker, Docker Swarm, Kubernetes.
- Infrastructure as Code (IaC): Terraform, Ansible, YAML.
- Cloud Platforms: AWS (Certified Cloud Practitioner).
- Tools: Microsoft Office Suite (Word, Excel, PowerPoint).

Languages Spoken

- Arabic: Native
- French: Fluent
- English: Proficient