

Gabriel KHOURY

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Summary

A dedicated 3rd-year Software Engineering student with a strong foundation in backend development, DevOps, and cloud computing. Passionate about programming, technology, and hands-on problem-solving. Eager to apply backend development skills to contribute to impactful projects and deliver efficient, scalable solutions within a dynamic team environment.

Education

- **2022 - Present: CNAM - National Conservatory of Arts and Craft - Nahr Ibrahim - Lebanon**
Bachelor's degree in health sciences and technology, specializing in computer science
- **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:**
Developed an AI model that analyzes job descriptions and predicts the best match using Machine Learning. 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, PHP, JavaFX, Python, OOP, SQL, HTML.
- Web Technologies: HTML, css, JavaScript.
- Frameworks: Java Swing, JavaFX, Java Collections, Spring.
- Microsoft Office: Word, Excel, PowerPoint
- Database Management: SQL, Postgres, Oracle.
- Web Development: Frontend and Backend Development.
- Version Control & CI/CD: Git, GitHub, Jenkins.
- Containerization & Orchestration: Docker, Docker Swarm, Kubernetes.
- Infrastructure as Code: Terraform, Ansible, YAML.

Languages Spoken

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