

# Karam Khaled Albataineh

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Software & DevOps Engineer

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## Professional Summary

Motivated Software & DevOps Engineer with hands-on experience in development, infrastructure automation, and cloud services. Proficient in C#, Java, Python, and tools like Docker, AWS, Jenkins, and Terraform. Skilled in building scalable .NET applications using Domain-Driven Design, RESTful APIs, and unit testing. Agile team player, quick learner, and HashiCorp Certified Terraform Associate with experience at Atypon and Optimum Partners.

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## Education

**Yarmouk University**

*Sep 2019 – Jul 2023*

Bachelor of Science in Computer Science

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## Technical Skills

**Programming Languages:** C++, C#, Java, Python, PHP

**DevOps & Cloud Technologies:** Git, GitHub Actions, Linux, Terraform, AWS, Jenkins, Nginx, Docker, Kubernetes, Pulumi, Maven

**API Development:** REST APIs, API design and implementation

**Databases:** MySQL, SQLite, PostgreSQL

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## Work Experience

**Software & DevOps Engineer | Optimum Partners**

*Feb 2024 – Aug 2024*

*Amman, Jordan*

- Worked on DevOps tasks, utilizing tools such as Docker, Linux, and GitHub
- Developed and maintained .NET applications using C# API and Domain-Driven Design
- Implemented minimal APIs with PostgreSQL integration
- Conducted unit testing to ensure reliability and maintainability

**Software Engineer Intern | Atypon**

*Mar 2023 – Aug 2023*

*Amman, Jordan*

- Explored Java programming, data structures, algorithms, and design patterns
- Gained DevOps experience with Git, shell scripting, Docker, Agile, Maven, AWS
- Practiced clean code principles and unit testing in a Linux environment

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## Projects

### **Terraform AWS WordPress**

Built Terraform configurations to deploy a scalable 3-tier WordPress architecture on AWS with web, application, and database layers.

 [View on GitHub](#)

### **Library Management System**

Developed a C#/.NET Library System to manage borrowing, returns, and inventory using Domain-Driven Design and layered architecture.

 [View on GitHub](#)

### **Google Maps (Map API)**

Created a web app using Google Maps and Geocoding APIs to locate addresses and calculate travel distances between two global points.

 [View on GitHub](#)

### **UNO Game Engine**

Engineered a complete Java-based UNO game engine following OOP principles. Supports all official cards and allows for rule customization.

 [View on GitHub](#)

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## Certifications

### **HashiCorp Certified: Terraform Associate (003)**

*HashiCorp*