

NASSIR GHRAIZI

Software Engineer

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Lebanon- Dbaih



SUMMARY

Experienced Software Engineer with a 5-year track record of delivering top-tier support to senior executives. Proficient in crafting and implementing robust software solutions, optimizing system performance, and collaborating effectively across teams. Strong communication and problem-solving skills with a commitment to excellence. Adaptable and able to work independently or as part of a collaborative development team.

PROFESSIONAL EXPERIENCE

Senior Software Developer

Aspire Software | Dec 2024 - Present

- Designing and developing scalable, maintainable, and high-performance applications.
- Optimizing database queries and designing efficient database schemas.
- Making architectural decisions and suggesting improvements.
- Identifying performance bottlenecks and optimizing application speed.
- Implementing security best practices to prevent SQL injection, XSS, CSRF, and other vulnerabilities.

Cybersecurity Researcher | Freelance

YesWeHack | Nov 2023 - Present

- Identified and reported security vulnerabilities through bug bounty programs on yeswehack platform, submitting 25 reports, including 15 valid findings.
- Discovered a critical IDOR vulnerability that allowed unauthorized access to sensitive client data including phone numbers, email addresses leading to immediate remediation after reporting the issue.
- Reported multiple medium-severity vulnerabilities, including XSS, and authentication bypasses, contributing to improved security measures.
- Conducted in-depth penetration testing and vulnerability assessments, focusing on web applications, APIs, and authentication mechanisms.

Cybersecurity Researcher | Freelance

BugCrowd | Oct 2023 - Present

- Provided detailed Proof-of-Concept (PoC) exploits, collaborating with security teams to triage, validate, and remediate vulnerabilities effectively.
- Uncovered a DDoS vulnerability, demonstrating how an attacker could exploit the system's resources, leading to potential service disruption and downtime, prompting the implementation of rate limiting and mitigation strategies.
- Provided detailed Proof-of-Concept (PoC) exploits, collaborating with security teams to triage, validate, and remediate vulnerabilities effectively.

Backend Developer

Abiroot Digital | Jun 2023 - Apr 2024

- **SOLID & Dependency Injection:** Applied SOLID principles and used Laravel's dependency injection for modular, scalable, and testable backend solutions.
- **Security:** Implemented data encryption, authentication, and access control using Laravel's built-in systems and middleware.
- **Microservices:** Built isolated, loosely-coupled components to enhance system modularity and deployment flexibility.
- **Eloquent Relationships:** Implemented complex relationships and used eager loading to optimize queries and reduce database load.
- **Middleware & Security:** Developed custom middleware for request filtering, role management, and session security.
- **Agile & Scrum:** Led Scrum ceremonies to boost team productivity and ensure timely project delivery.

Backend Developer

Globalistic Tech. | Mar 2022 - May 2023

- **Backend Architecture:** Designed and implemented scalable backend architecture using the Laravel framework, ensuring high reliability and optimal performance for applications.
- **Database Management & Eloquent ORM:** Managed databases using Laravel's Eloquent ORM, implementing complex relationships (One-to-One, One-to-Many, Many-to-Many) and optimizing queries for performance.
- **Configured and scheduled tasks** using Laravel's task scheduler, automating routine processes within the application.

Backend Developer

Kerning Code | Jul 2020 - Feb 2022

- **Backend Architecture:** Designed and implemented scalable backend solutions using the Laravel framework, focusing on high reliability and performance optimization.
- **RESTful APIs:** Developed and maintained RESTful APIs with JWT-based authentication for secure and efficient client-server communication.
- **Security Practices:** Implemented data encryption, SQL injection prevention, and mitigation of common vulnerabilities to secure user data.

Full Stack Web Developer

Integrated Digital Solutions | Jun 2019 - May 2020

- **Backend Architecture:** Designed and implemented a scalable backend architecture using the .NET Framework, ensuring reliability and optimal performance while adhering to the MVC pattern.
- **RESTful APIs:** Developed and maintained RESTful APIs, implementing robust security measures for authentication and authorization.
- **Agile Methodologies:** Embraced Agile methodologies by actively participating in sprint planning, daily stand-ups, and sprint reviews.
- **Error Handling and Logging:** Integrated robust error handling and logging mechanisms to track application behavior and diagnose issues.
- **SOLID Principles:** Applied SOLID principles to enhance code maintainability and scalability.

EDUCATION

Lebanese University Bachelor's Degree in Computer Science 2016 – 2019

- Familiarity with software development principles.
- Experience with data structures and algorithms.
- Hands-on experience with software development projects.
- Exposure to networking concepts such as TCP/IP, HTTP, and DNS.

Codi-Tech Full Stack Web Development 2019 – 2020

- Web Technologies 101 - Grasp the basics of HTML, CSS, and JavaScript for frontend development.
- Backend Basics Bash, Dive into the fundamentals of backend development with PHP and Laravel.
- Git Essentials, Learn the essentials of version control.

SKILLS

- PHP, Laravel, Symfony
- Git
- Linux Commands
- MySQL and DDL/DML
- Postgres
- Server-Side Architecture
- Pest, (unit tests)
- Kali, VirtualBox, VMware

CERTIFICATIONS

- **Certified Cybersecurity Specialist** **2024**
Semicolon Academy
Acquired in-depth knowledge of cybersecurity modules, including wireless security, system security, network security, mobile apps security and detection engineering.
- **Full Stack Web Developer** **2020**
Codi-Tech
Completed an 8-month intensive program Covering Frontend and Backend Development.