

Zein Azzam

Contact

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Education

Notre Dame University-
Louaize
B.S. in Computer Science:
Information Technology
2022-Present

Tech Skills

- Linux (Ubuntu)
- Scrum Methodologies
- C++ Programming
- Object-Oriented Programming (OOP)
- Data Structures & Algorithms
- Fundamentals of React

Soft Skills

- Problem-Solving Skills
- Teamwork & Collaboration
- Strong Communication
- Adaptability
- Creativity
- Critical Thinking

References

Available upon request

Profile

Junior Full-Stack Developer with a strong foundation in web technologies and back-end operations, complemented by rigorous boot camps and a Computer Science education. I apply a meticulous and analytical approach to development, excelling in collaborative environments.

Experience

Backend/SysOps Intern

TechGenies | July 2023 - November 2023

- Engineered full-stack web solutions utilizing modern frameworks, with NestJS for robust server-side applications and Next.js for optimized front-end rendering and API interactions.
- Ensured seamless data transactions by integrating RESTful APIs, fortifying backend-to-frontend communication.
- Designed and maintained scalable database architectures leveraging MySQL and PostgreSQL, optimizing for performance and integrity.
- Configured and managed AWS cloud infrastructure, utilizing EC2 for compute instances and RDS for efficient database management.
- Enhanced application data handling with Prisma ORM and implemented secure AWS S3 bucket strategies for file storage scalability.
- Bolstered application security through JWT for endpoint authentication and orchestrated user session management.
- Fostered collaborative development and version control using Git and GitHub, contributing to a cohesive team environment.
- Administered Azure cloud services, incorporating SSO solutions to streamline access management while heightening security protocols.

Professional Development

Full Stack Web Development Boot Camp

With Rony Rizk | July 2022-October 2022

- Learned JavaScript, HTML, and CSS for web development.
- Gained expertise in working with APIs, handling JSON data, and utilizing NPM packages.
- Proficient in version control using Git and GitHub for collaborative development.
- Acquired knowledge in API testing using Postman.
- Explored Angular framework for building dynamic web applications.

JavaScript Boot Camp

Park Innovation | August 2022-November 2022

- Mastered foundational JavaScript elements such as variables and functions.
- Developed advanced skills including object-oriented programming and DOM manipulation.
- Gained practical experience with API integration and usage.