



Arsslen Idadi

SOFTWARE ENGINEER · .NET EXPERT

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“Leadership is earned rather than taken.”

Education

INSAT (National Institute of Applied Science and Technology)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- Graduated with the excellent mention.

Tunis, Tunisia

Sep. 2014 - Exp. Jul. 2019

Skills

Programming C#, VB.NET, Python, JavaScript, C/C++, Java, LaTeX, Pascal, Assembly, R, PHP, D,

Web ASP.NET Core, Express, Redux, React, HTML5, LESS, SASS, Laravel, Spring

DevOps & Tools Docker, Kubernetes, Eureka, Linux, Azure, IIS, Windows Server, Rabbitmq, Redis

Databases SQL, MongoDB, InfluxDB, Neo4j, ElasticSearch

Architecture & Design Distributed systems, Microservices, SOA, UML, MERISE

Fields Desktop, Mobile, Security, X509 Certification, Compiler Construction, Security, AI, Embedded Systems, Aeronautics

Management SCRUM, Agile, PRINCE2, Microsoft Project

Languages English, French, Arabic

Experience

GOMYCODE

CHIEF TECHNOLOGY OFFICER

- Develop technical aspects of the company's strategy to ensure alignment with its business goals.
- Supervise system infrastructure to ensure functionality and efficiency.
- Use stakeholders' feedback to inform necessary improvements and adjustments to technology.
- Discover and implement new technologies that yield competitive advantage and help departments use technology profitably.
- Monitor KPIs and IT budgets to assess technological performance.
- Build quality assurance and data protection processes.

Tunis, Tunisia

Oct. 2017 - PRESENT

GOMYCODE

SOFTWARE ENGINEER

- Determines operational feasibility by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.
- Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.
- Backend development using ASP.NET Core and Node.JS.
- DevOps (Docker/Kubernetes...) & Administrating linux systems (CentOS, Ubuntu), configuring servers...
- Configuring and setting up the IT infrastructure (Network, hardware, software).
- Frontend development (ES6, React, Redux, Redux Saga).

Tunis, Tunisia

Oct. 2017 - PRESENT

Phexonite

COFOUNDER & SOFTWARE DEVELOPER

- DevOps & System administration (Linux [CentOS/Debian]).
- Unity3D game development.
- Design, Implement, Test and Publish .NET Desktop and Web applications for clients as a freelancer.

Tunis, Tunisia

Aug. 2016 - Oct. 2017

Arsslensoft

FOUNDER & SOFTWARE DEVELOPER

- Design, Implement, Test and Publish .NET Desktop and Web applications in various fields (e.g: Virtual Assistant, Antivirus, Compiler construction, IDE, Web Browser).
- PKI & X509 (Extended validation, code signing, class 1-5 certificate generation according to CA Web browser forum guidelines).

Tunisia

Apr. 2010, PRESENT

Extracurricular Activities

TUNIROBOTS INSAT

SOFTWARE ENGINEERING TEAM LEAD

- Designed and implemented the score application.
- Put in place communication tools and facilitated teams coordination.
- Participated in the preparations of the event day.
- Led the software engineering team.

TUNISIA

Sep. 2016 - Sep. 2018

Microsoft Club INSAT

TECHNICAL LEAD

- Provided technical guidance for the club members.
- Trained club members on .NET technology.

Tunisia

Sep. 2016 - Jun. 2017

Licenses & Certifications

CERTIFICATES

Apr 2017 **MTA EXAM 98-361**, Software Development Fundamentals

Tunis, Tunisia

Dec 2018 **MTA EXAM 98-383**, Introduction to Programming Using HTML and CSS

Tunis, Tunisia

Dec 2018 **MTA EXAM 98-382**, Introduction to Programming Using JavaScript

Tunis, Tunisia

Extracurricular Projects

Origisign Certification Tool

Available on Github

SOFTWARE DEVELOPER AT ARSSLENISOFT

Oct. 2016 - Dec. 2016

- Designed and implemented an interactive GUI PKI management tool in (C#) based on BouncyCastle and OpenSSL.
- Custom X509 Extension Visual Programming using ASN.1 Code generation.
- Supports all standard X.509 and ASN.1 fields and extensions.
- Integrates an OCSP server based on CRL files.

Developer Studio

Available on Github

SOFTWARE DEVELOPER AT ARSSLENISOFT

Nov. 2012 - Sep. 2014

- Designed and implemented an integrated development environment in (C#).
- Supports plugins and languages integration, code completion, projects, single source file, syntax highlighting, refactoring, visual form designer.
- Published and maintained multiple editions (i.e: Pascal Edition, Pawn Edition, Professional Edition, Arsslen Language Edition) and multiple versions until version 3 (2013, 2014, 2015).

Kavprot Smart Security

Available on Github

SOFTWARE DEVELOPER AT ARSSLENISOFT

Oct. 2011 - Jun. 2012

- Designed and implemented a security suite in (C/C++, C#).
- Integrated Parental control, Firewall, AntiVirus, Malicious web site protection using proxy interception, File Vault, Heuristics analysis features.
- Gathered a viral database of 4 Million signatures (ClamAV and other sources).

Fireweb Navigator

Available on Github

SOFTWARE DEVELOPER AT ARSSLENISOFT

Sep. 2010 - Aug. 2013

- Designed and implemented a GeckoFx based web browser application in (C#).
- Integrated smart search features with a Virtual Assistant.
- Published and maintained the software until version 9.

VATU Compiler

Available on Github

SOFTWARE DEVELOPER AT ARSSLENISOFT

Dec. 2015 - Feb. 2016

- Designed and implemented the BNF language grammar.
- Designed and implemented all the necessary components required to construct the compiler (i.e: Lexer, Parser, Semantic Analyzer, Flow Control, Optimizer, Code generator, Linker) in (C#).
- Implemented a mini kernel based on Vatu language and assembly.
- Introduced revolutionary features (e.g: Custom operator symbol definition, Interruption functions, Custom system call conventions).