

Hiring software engineer as easy as calling a taxi.

# Mohamed S.

## Senior XSLT Developer

### SUMMARY

- 11+ years of experience in IT
- 10+ years of experience with XSLT/XML
- Writing, testing and maintaining XSLT code that applies mapping on XML and output JATS XML & HTML
- Familiar with many processing engines like Saxon (Java) - libxslt (C) - Python's package
- Upper-intermediate English
- Available ASAP

### SKILLS

<b>Main Technical Skills</b>	XML (10 yr.), XSLT (10 yr.)
<b>Programming Languages</b>	C#, Java, JavaScript
<b>.NET Platform</b>	ASP.MVC Pattern, ASP.NET, .NET
<b>UI Frameworks, Libraries, and Browsers</b>	CSS, HTML, XML (10 yr.), XPATH, XSLT (10 yr.)
<b>Java Libraries and Tools</b>	JSON
<b>Databases &amp; Management Systems / ORM</b>	NPGSQL, SQL
<b>UI/UX/Wireframing</b>	Adobe Illustrator, Adobe Photoshop, InDesign
<b>Other Technical Skills</b>	Java Saxon Parser, LaTeX, LaTeX macros, libxslt, Schematron, SVG, XSD, XSLT 1.0, XSLT 2.0

### EXPERIENCE

#### Nexas Consulting

2014-2020

Developing utilities to convert SOAP XML Content format into SOAP XML format using XSLT for SAP HANA.

Workflows implemented - XML to XML Conversion.



**Responsibility:**

- Write, test and maintain XSLT code that applies some filtration and conditions on XML

**WiFi connection project**

2017-2019

Developing utilities to convert IATA NDC Standard XML Content format into IATA NDC Standard XML format using XSLT.

Workflows implemented - XML to XML Conversion.

**Responsibility:**

- Write, test and maintain XSLT code that applies some filtration, mapping and conditions on XML

**FHX pty**

2019-2020

XML Transformations using XSLT.

Workflows implemented - XML to XML Conversion.

**Responsibility:**

- Write, test and maintain XSLT & Schematron code that apply some filtration, mapping and conditions on XML and validate the output XML

**European Proceedings, part-time**

2017-Present

Description: Convert docx format into JATS XML & HTML.

Workflows implemented - extract docx into XML, then convert the XML into JATS XML, then convert the JATS XML into HTML.

**Responsibility:**

- Write, test and maintain XSLT code that applies mapping on XML and output JATS XML & HTML

**Senior Software Developer**

2020 - Present

**Responsibility:** Responsible for programming Tools, APIs, and Portals. Managing Databases and teams tasks.

**Software Developer**

2019 - 2020

**Responsibility:** Responsible for programming modern Educational Tools, APIs, and Portals.



## Senior Document Engineer

2015 - 2019

**Responsibility:** Developing new techniques and tools. Manage teams tasks to ensure a high-quality product. Easing communications between team members and clients.

## Document Engineer

2013 - 2015

**Responsibility:** Responsible for developing new techniques and tools to ease the production process to increase productivity in terms of speed and quality.

## Proofreader Specialist

2011 - 2013

**Responsibility:** Revising scientific articles to meet the company in house style and ensure that these articles have no scientific or publishing styles errors.

## PROJECTS

### SVGFITTER

2021

**Responsibility:** Creating and Fitting SVGs using Java Batik library

**Technologies:** Java, SVG

### XML2JSON

2020

**Responsibility:** Converting Content XML to JSON to be Published.

**Technologies:** C#, Npgsql, JSON.

### PUBLISHAPI

2019

**Responsibility:** API that takes requests from content members and publishes the content online.

**Technologies:** ASP.NET, XSLT1.0, Npgsql, JSON.

### XMLTOPDF

2016 - 2017

**Responsibility:** Converting XML to PDF using InDesign Scripting and techniques. InDesign, InCopy

**Technologies:** C#, Javascript, XSLT1.0

### COVERSCREATOR

2015

**Responsibility:** Tool to create Journal covers with Illustrator and InDesign. InDesign, Illustrator

**Technologies:** C#, Javascript, XSLT2.0



## **HTMLTOPMC**

2014

**Responsibility:** Converting XHTML to PMC XML

**Technologies:** C#, XSLT1.0

## **XMLTOXHTML**

2013

**Responsibility:** Converting JATS XML to XHTML

**Technologies:** C#, XSLT1.0

## **EDUCATION**

**Faculty of Science Cairo University, Bachelor of Science in Geology/Chemistry**

2007 - 2011

## **COURSES**

**SPE, Cairo**

2009

**ART OF THINKING, Cairo**

2015

**TROPISM, Cairo**

2016

