

# Mohamed T.

## Senior XSLT Developer

### SUMMARY

- 8+ years of experience with XSLT/XML - Writing, testing and maintaining XSLT & Schematron code that apply some filtration, mapping and conditions on XML and validate the output XML - Converting IATA NDC Standard XML Content format into IATA NDC Standard XML format using XSLT - Familiar with many processing engines like Saxon (Java) - libxslt (C) - Python's package - Upper-intermediate English - Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	XSLT (8 yr.)
<b>Programming Languages</b>	C#, Python
<b>Java Libraries and Tools</b>	JSON
<b>.NET Platform</b>	Visual Basic .NET
<b>Databases &amp; Management Systems / ORM</b>	Microsoft SQL Server
<b>UI Frameworks, Libraries, and Browsers</b>	CSS, HTML, XPATH, XSLT (8 yr.)
<b>SDK / API and Integrations</b>	Google AutoML
<b>Platforms</b>	SAP HANA
<b>File Systems, Storage</b>	XML
<b>Other Technical Skills</b>	IATA NDC Standard XML, JATS, JATS XML, Java Saxon Parser, LaTeX, libxslt, Schematron, SOAP XML, SVG, XSD

### EXPERIENCE

#### Consulting company

2014-Today

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 Document Engineer

2019 - Present

### Responsibility:

- Create and update the tools used by the Content Unit in a way that ensures avoiding human errors as much as possible and maintaining consistency and smoothing the workflow.
- Stay up-to-date with the latest technologies available and set plans on how to implement them in the best way that serves the organization's needs.
- Provide consultation to the Document Engineering team whenever needed.
- Receive all sorts of requests from the information systems coordinator to start working on them along with the team members.
- Develop new options and features in order to have a competitive advantage over other competitors.



## Senior Document Engineer

2015 - 2019

### Responsibility:

- Communicate the different requirements needed, to be coded by the software developers based on business needs analysis.
- Develop new options and features in order to have a competitive advantage over other publishers.
- Provide consultation to the Document Engineering team whenever needed.

## 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

### Translation project

2019

**Description:** A tool to use Google Machine Learning to train custom models for translation, using (Python, Google AutoML API).

### EQUATION BREAKING

2016-2018

**Description:** A tool to properly break the MathML equation automatically rather than the markup member, using (XSLT, Latex, C#).

### TEXCONVERTER

2015

**Description:** A tool to convert Microsoft word file from JATS XML to LATEX using multiple stages of transformation by XSLT and c#.

### MARKUP RIBBON

2013

**Description:** A Microsoft Word ribbon to support the markup member to do the work faster and more accurately. The tool output is JATS XML.



## EDUCATION

Bachelor of Science degree in Physics Ain Shams University, Cairo

## COURSES

- Human Relation (Dale Carnegie)
- Art of Thinking course.
- Tropism Workshop.
- Agile Product Owner Role: Foundations
- Critical Thinking
- Agile Product Owner Role: Techniques
- Ability to work in a group according to job requirements.
- Good time management

