

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

Main Technical Skills	XSLT (8 yr.)
Programming Languages	C#, Python
UI Frameworks, Libraries, and Browsers	CSS, HTML, XML, XPATH, XSLT (8 yr.)
Java Libraries and Tools	JSON
.NET Platform	Visual Basic .NET
Databases & Management Systems / ORM	Microsoft SQL Server
SDK / API and Integrations	Google AutoML
Platforms	SAP HANA
Other Technical Skills	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

