

Daniel Gómez

Software developer / IT Search Specialist
Tech Lead, Architect, Instructor, Auditor

Stockholm, SWEDEN
+46 (0) 768971406
daniel.gomez.villanueva@gmail.com

HIGHLIGHTED EXPERIENCE

Pricerunner — Backend Tech Lead

MAY 2021 - PRESENT

Tech lead of the development team working with the core search and navigation functionality, popularity system and user behavior analysis. Leading development and designing solutions. Main elasticsearch resource in the company, advocating for its use and sharing knowledge among all development teams. Generation of data reports for media articles.

Elasticsearch, Java, Spring, Maven, Consul, Nomad, Kafka, Kibana, Grafana, Gitlab, Prometheus, Docker, XAP Gigaspaces, Python

Pricerunner — System software developer

MARCH 2018 - MAY 2021

Developer of the core search and navigation functionality, popularity system and user behavior analysis. Main elasticsearch resource in the company, spreading its use among all development teams. Generation of data reports for PR and media articles.

Elasticsearch, Java, Spring, Maven, Consul, Nomad, Kibana, Grafana, Gitlab, Prometheus

Hennes och Mauritz H&M — System software developer

AUGUST 2014 - DECEMBER 2017

Evaluation of different search platforms and built a search platform. Led a team of 6 developers to support and develop several systems. Developed several applications to visualize relevant information for manufacturing capacity controllers.

Elasticsearch, .NET, ASP.NET MVC, .NET Core, Knockout, Azure Cloud Service, Azure AD, SQLServer, Exalead CloudView, Angular 2, TeamCity, Octopus Deploy, PowerShell

Forsmarks Kraftgrupp — Software developer

AUGUST 2015 - MARCH 2016

Build a UX focused friendly application to have access and navigate information from more than 5 systems including several millions technical

TRAINING

Elasticsearch Engineer I & II
September, 2019

Information modeling
September, 2016

Solr Unleashed & Solr Under the Hood
October, 2012 & March, 2015

3DS CloudView & OnePart
November, 2013

PUBLICATIONS

Relevance in the wild

Lucene/Solr Revolution 2017
<https://www.slideshare.net/lucidworks/relevance-in-the-wild-daniel-gomez-villanueva-findwise>

Problem with SSL subject matching in Apache's

HttpClient - Blog post
<https://medium.com/pricerunner-tech/problem-with-ssl-subject-matching-in-apaches-http-client-48b196931772>

Solr vs Elastic - Blog post

<https://findwise.com/blog/solr-or-elasticsearch/>

LANGUAGES

English, Swedish, Spanish - Proficient

Russian - Beginner

documents and incident reports.
Elasticsearch, .NET, ASP.NET MVC, Knockout.

Försäkringskassan — *Machine Learning Software developer*

MARCH 2013 - OCTOBER 2013

Implementing search for internal tools used by call support to find insurance documents. Implementation of a connector that gets, processes, splits by chapters, classifies using machine learning, and finally indexes long PDF files.

Apache Solr, Tika, PDFBox, Mallet, Java, SharePoint 2010, PDF

Stockholms Stad — *Software architect*

OCTOBER 2012 - AUGUST 2014

Implementing advanced search for Stockholms Stad intranet using FAST ESP and later on migrating to Solr using the extended functionality of custom components around it (developed in .NET Framework).

FAST ESP, Apache Solr, Java and .NET

MISCELLANEOUS EXPERIENCE

Findwise — *Software developer / Search technology specialist*

OCTOBER 2012 - MARCH 2018

Develop and support search platforms.

Skolverket, Norrköping Kommun, Svensk Byggtjänst, Nokia Devices, Riksarkivet, Tradera, Uppsala Universitet, Eskilstuna Energi och Miljö, Riksarkivet, Manpower Group, Mekonomen

Findwise — *Search auditor / Technology healthcheck*

OCTOBER 2012 - MARCH 2018

Evaluate search technology system and recommend adjustments or alternative architectures

IF Skadeförsäkring, Systembolaget, Klarna, Visma Commerce, Sectra

Findwise — *Search technology instructor*

OCTOBER 2012 - MARCH 2018

Customized search technology trainings: Svensk byggtjänst, Riskarkivet, eClerx, Netcentric, Systematic, Kisti
Official Solr Training by Lucidworks: Stockholm, Copenhagen, Barcelona, Amsterdam

EDUCATION

Royal Institute of Technology, Stockholm — *Information and Communication Systems Security*

AUGUST 2010 - OCTOBER 2012

Main courses: Computer and Network Security, Security Management, Network Management, Network Algorithms, Advanced Internetworking, Internet search and Business Intelligence. Master Thesis: Secure Email Application on a Cloud Portal.

Polytechnic University of Madrid, Madrid — *Computer Engineering*

SEPTEMBER 2006 - JUNE 2010

Main courses: Computer Structure and Architecture, Software Engineering, Operating Systems, Data Structures, Networking, Numerical Analysis, Artificial Intelligence, Databases, Compilers...

Abundant practical group assignments. Honorific Mention on Discrete Mathematics, Foundations of Computer Hardware, Systematic Program Development and Computer Technology.

PAPERS (AVAILABLE ON REQUEST)

- Secure Email Application on a Cloud Portal (2012) - <http://www.diva-portal.org/smash/get/diva2:578880/FULLTEXT01.pdf>
- Data storage in Cloud computing Service comparison (2011)
- Use of RFID, a systemic-holistic approach (2010)
- Intel Core 2 Duo processor architecture (2010)

INTERESTS

I enjoy running, not for the sake of it, but as an outdoor activity and a way of discovering new places. My favourite places usually involve nature, be it small parks or large natural parks. National parks are indeed my favourite travelling destinations, but any new places are appreciated. Along new places come new cultures and food, I always try to taste and learn to cook different dishes with uncommon ingredients. I like playing both board games and videogames, especially focusing on new mechanics and solving puzzles. It is all about learning new stuff: new food, challenging puzzles or new technology through online courses or webinars.