Daniel Gómez

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

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HIGHLIGHTED EXPERIENCE

Pricerunner — *System software developer*

MARCH 2018 - PRESENT

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 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

TRAINING

Elasticsearch Engineer I & II
September, 2019

Information modelling
September, 2016

Solr Under the Hood
March, 2015

3DS CloudView & OnePart
November, 2013

Public Presentation
January, 2013

Spring Framework
October, 2012

Solr Unleashed
October, 2012

PUBLICATIONS

Relevance in the wild
Lucene/Solr Revolution 2017
https://www.slideshare.net/luci dworks/relevance-in-the-wild-daniel-gomez-vilanueva-findw ise

Solr vs Elastic
Findwise Blog post
https://findwise.com/blog/solr-or-elasticsearch/

LANGUAGES

English, Swedish, Spanish - Proficient
Russian - Beginner

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 ajustments 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 of 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 though online courses or webinars.