**Personal Information**

**NAME:** Michel

**SURNAME:** David

**Gender:** Male

**DIRECCIÓN**: Vecinal 181, Dpto. 31, Las Condes, Región Metropolitana, Chile

**CELL PHONE**: +569 51294287 **E-mail**: [mdavid.cu@gmail.com](mailto:mdavid.cu@gmail.com)

**TWITTER: @korutx github:** <https://github.com/korutx>

<https://korutx.github.io/>

**EDUCATION**

**Ingeniero en Ciencias Informáticas (Computer Sciencies Engineer)**

**2006-2011** Universidad de las Ciencias Informáticas, **Cuba**

**PROFESSIONAL PROFILE**

For the last ten years, my work has focused on the Enterprise Content Management (ECM) and in fields like Content Management, Collaboration, Workflow and Search. Some of my clients in Chile were CMPC, Totalcheck, Archivo Nacional de Chile (National Archive), Unidad Administradora de los Tribunales Aduaneros (the administrative department of the customs courts), Jürgen Paulmann enterprises, GPS Chile, and many others.

I like to solve content and bpm problems, by using open source. I’m experienced in Web/FullStack tech such as ReactJS, React Native, AngularJs, NodeJs, JEE, Erlang, PHP, ELM-Lang, ElasticSearch, NoSQL, RDBMS, CloudComputing, AWS, GoogleCloud, Docker, Kubernetes, PWA, and others.

I’m certified as Alfresco Engineer and AngularJS Developer. I live in Chile since 2015, previously I worked in Cuba (2011 - 2014), Venezuela (2010) and Ecuador (2014 - 2015). The diversity of places where I worked it allows me to learn quickly and to adapt me to different scenarios. The main thinks that I appreciate in a work are: a positive environment, reliable and talented people, and to build software with a great quality.

**CAREER SUMMARY**

**Place: DOX LTDA,**

**Date: 2015, April – 2018**

**Role: Senior Software Engineer**

1. Process Automation at Totalcheck.
   * Lead a developer team (5 developers)
   * Train junior developers
   * Scrum Master and planning the release roadmap
   * Develop the web platform (<https://cloud.totalcheck.cl>)
   * Design Business Process using BPMN
   * Implement business process using Alfresco/Activiti
   * Integrate legacy SQLServer systems
   * Integrate external systems like Civil Registry and data web portals
   * Manage remote teams
   * Implement non-stop solutions using Google Cloud
   * Implement advanced electronic signature
2. Develop the Integrated Project System for CMPC
   * Build a solution for the CMPC/Celulosa Studies sub-management area
   * Design Business Process and implement Alfresco modules for collaboration management
   * Maintenance, bug fixes, updates and apply patches to the solution
3. Design and develop the fleet tracking system Halcons (<https://web.halcons.com>)
   * Design a non-stop and real time application
   * Integration with QAnalytics (<http://www.qanalytics.cl/newweb/>)
   * Implement solutions using NoSQL tech like Riak, Erlang, ElasticSearch, AngularJS
   * Implement real time solutions for mobile devices
4. Updating legacy systems at GpsChile (http://www.gpschile.com/soluciones-gps/)
   * Web apps migration
   * Application performance optimization
   * Integrate 3rd party applications
   * Integrate Google Maps APIs
   * Route optimization
5. Develop web solutions for the Banco de Imágenes de Chile
   * <https://bancodeimagenes.imagendechile.cl/>
   * <http://biblioteca.imagendechile.cl/html/login.html>
   * Implement document libraries
   * Metadata management
   * Advanced search
6. Develop web solutions for the Administradora de Tribunales Tributarios Aduaneros (ATTA)
   * Implement advanced electronic signature
   * Alfresco maintenance
7. Consultant at the Archivo Nacional de Chile
   * <https://www.dropbox.com/s/zfqkwhrz5fcm6m4/20180105%20Presentaci%C3%B3n%20AN_v1.5%20%282%29.pdf?dl=0>

**Place: Innova Group, Ecuador**

**Date: 2015, January – 2015, March**

**Role: J2EE Consultant**

1. Consultant in the implementation process of the EducaTv web (<http://www.innovagroup.com.ec/>).
   * Design content-centric systems for digital asset management
   * Implement ELB in private clouds
   * Implement J2EE JBOSS/EJB/Hibernate/Oracle solutions

**Place: Universidad de las Ciencias Informáticas, Cuba**

**Date: 2011 - 2014**

**Role: Software Arquitect**

1. Develop the Cuban ECM solution eXcriba (<https://www.ecured.cu/Gestor_de_Documentos_Administrativos_eXcriba>)
   1. Lead developments teams
   2. Design the software architecture
   3. Create minimum viable products for early validation
   4. Implement custom development tools
   5. Define development environments
   6. Train the development team and teach them UML, Design Patterns POO and Software Architecture
   7. Study and evaluation of new products and technologies
   8. Create the software documentation
   9. Define the software development strategies and how the product will change
   10. Adopt the Activiti BPM Engine for content-centric business process
   11. Use and extend Alfresco Record Management for implementing record keeping systems

**Place: Universidad de las Ciencias Informáticas, Cuba**

**Date: 2007 - 2011**

**Role: Software Engineer**

1. Develop the Cuban Government Information System <http://bvs.sld.cu/revistas/infd/n1311/3%20Decreto%20Ley%20281.pdf>
   * Fork Alfresco Community
   * Learn and implement solutions with Spring, Hibernate, Apache Ant, Spring Web Script, Spring Surf, JSF
   * Develop an Alfresco front end using PHP5 and SOAP web services.
2. Content-Centric Business Process Consultant at the “Archivo General de la Nación”, Venezuela
   * Implement the Designing and Implementing Record Keeping Systems (DIRKS) methodology
   * Implement business process model using Alfresco + Activiti

**Place: CubaTravel Scandinavia**

**Date: 2011-2014**

**Role: Developer**

1. Implement a web for the tour operator CubaTravel Escandinavia (<http://www.cubatravel.se/>)
   * .NET, C#, MVC, EntityFramework, Telerik, SQLServer 2008 and Microsoft Dynamics NAV

**IT skills**

* JEE y JSE: Hibernate, JPA, Spring, JSF, Activiti, JBPM, OSGI, Maven, Apache Ant, WS02, Alfresco, Nuxeo, Apache Tomcat, JBOSS, Seam framework, JNI, Swing, SWT, Jasper Reports, entre otros
* Net: C#, ASP.NET, MVC 4, Web Service, WPF, WCF WWF, ADO.NET, LINQ, ENTITY FRAMEWORK
* HTML5, XML, PHP, JavaScript, JQuery, Ajax, YUI, NodeJs
* Perl, Bash, Batch
* UML, XML, XSD, XSLT
* Visual Paradigm, MS Visio, MS Project
* OOP, BPM, Design Patterns
* XP, SCRUM, RUP
* ECM, Alfresco
* Postgresql
* MS SQLServer 2005, 2008
* MySql, SQLite
* NoSql MongoDB, Redis, Riak
* N-TIER
* SOA , ESB , MSMQ
* WEB SERVICES SOAP, REST
* MVC, MVVM

**Idioms**

* Spanish, native
* English, good

**About me:**

I am an eternal student, developing software is a passion for me, I like to know new trends and new technologies that serve to improve the way in which software is made. I am currently studying functional programming, parallelism and distributed applications.

I have good working relationships and I have good manners. I like reading, I'm a fan of comics. I have a wide vocabulary. I do not follow fashion trends in costumes. I practice boxing. The work environment is important for me, space, good communicative health, professional rigor and discipline.

I am a founder and organizer of a development community. Currently the community is located in Cuba, with whom I maintain constant contact and I endorse it as an opportunity to scale developments remotely.