FRANCESCO MERLETTI

Broadcast media management, Data analysis & visualization Full-stack web development, Javascript, Angular, Ember, Node, D3.js

PRESENTATION CONTACTS I'm a digital tinkerer. I mix programming, design, engineering and data management. me@fm.to.it //fm.to.it/phone On one side of my career I've worked as a media librarian managing audiovisual content and meta-data in the //fm.to.it broadcast of large multi-sport events like the Olympics. On the other I've been involved with building websites since being given a modem and a phone line. //fm.to.it/li //fm.to.it/gh I've designed and implemented solutions on both sides of my career. On one end I've worked with vendors and managed the delivery of audio-visual content in TV and video on demand worlds. On the other I've built websites, //fm.to.it/tw web-apps, APIs, data-visualizations and dashboards. francesco.merletti **WORK EXPERIENCE** SKILLS **Broadcasting & Archives EVS IP Director** Developer / SilverCurve (PixelPipeSignage) Development of media player and frontend ► AWS (Lambda, API Gateway, CloudFormation, S3...) Avid ✓ Backend & DevOps on AWS Node.js, Ember.js Quantel/SAM 2016 Formats&codecs BROADCAST Library Supervisor @ Rio Olympic Games / Olympic Broadcasting Services Data management ✓ Leading a team of 13 librarians and archivists ▶ EVS IP Director, XT[3] Servers Data analyis Liasing with clients and technological suppliers; defining technical requirements Data viz BROADCAST Librarian @ Lillehammer Youth Olympics / Olympic Broadcasting Services Excel Archive management and support for ENG production AVID MediaCentral, Interplay XML,XSLT,JSON 2015 MySQL & SQL ROADCAST Trainer @ Rio Olympic Games / Olympic Broadcasting Services Mongo DB ✓ Leading the training of 200+ University students ► EVS IP Director, XT[3] Servers **Programming** Lead Librarian @ Baku European Games / International Sports Broadcasting Javascript Managing and planning the archives operation Quantel, MBT, Atomos, Excel, VBA **VBA WEB-DEV** Data Visualisation Developer / UK Dept. for Business Innovation & Skills (BIS) PHP Developed award winning viz based on UN trade data ▶ D3js, Crossfilter, Requirejs, Bootstrap API integration Lead Developer @ app.MyChok.com / WeMake Milano Frontend Development Development of an e-commerce site as single page app ▶ Angular, MEAN stack, WebGL & ThreeJS HTML5/CSS3 Angular js BROADCAST Archive Manager @ G20 Leaders' Summit (Brisbane Australia) / GlobalTV / NEP Broadcasting D3 js Librarian @ Nanjing Youth Olympics / Olympic Broadcasting Services iOuerv <u>Archive Supervisor</u> @ Glasgow Commonwealth Games / Sunset&Vine/GlobalTV (SVGTV) **Backend Development** Managing and planning the archive operations EVS IP Director, AVID Node.js Technical Producer / Developer @ DAU Media Project / Phenomen Films (London) ✓ WEB-DEV MEAN stack Development of a web-app for video annotation ▶ NodeJS, Backbone, Bootstrap, D3, VideoJS Drupal API design Technical Producer / Project Manager @ Sony Pictures Entertainment (London) General Tech lead for the launch of animaxtv.co.uk VoD platform ▶ Drupal, API integration Design Front-end Developer @ Family for Every Child (London) Proj. mgmt ✓ WEB-DEV Web-Developer @ Associazione FEA / sottoilcielodifred.it (Torino, Italy) Training ▶ Drupal, Nginx, Module & theme dev ✓ Full-stack website development LANGUAGES 2012 English Library Supervisor @ London Olympic & Paralympic Games / Olympic Broadcasting Services Italian FEVS, AVID, Panasonic, XML, Excel, VBA Coordinated a team of 9 library staff REFERENCES ✓ Lead technical developments internally as well as with external vendors Annamaria Genero (OBS) Drupal module developer @ Grüne Jugend (German Green Youth Political Party) / PART Online Andrew Quinn (GlobalTV/NEP) <u>Drupal module developer</u> @ Transparency International Secretariat / CivicActions Steve Dempsey (BIS) ▶ Drupal, HTML5, JS, jQuery, PHP Custom module and theme development **EDUCATION** 숙 (2010-...) University of Borås 201 BROADCAST Trainer / Technical writer @ London Olympic Games / Olympic Broadcasting Services (MA) Digital Library and ✓ Leading the training of 160+ University students ✓ Writing of 37 internal operational manuals **Information Services** Librarian @ Guadalajara Pan American Games / International Sports Broadcasting (2005-2009) University of WEB-DEV **Drupal developer** @ Arduino Torino, Italy - MultiDAMS Drupal developer @ Photato.es / Petsicon Gmbh (BA) Multimedia, art, ✓ Full stack development ▶ Drupal, HTML5, JS, jQuery, PHP music and drama 2006-2010 LOCATION **Drupal developer** @ Electric Sheep Based in London, UK Developed site and custom authentication module ▶ Drupal, PHP, Apache, MySQL Archive Supervisor @ 2010 New Delhi Commonwealth Games / EVS/GlobalTV Librarian @ 2010 Singapore Youth Olympic Games / Olympic Broadcasting Services

Librarian @ 2010 Vancouver Winter Olmypic and Paralympic Games / Olympic Broadcasting Ser.
Librarian @ 2008 Beijing Olympic and Paralympic Games / Beijing Olympic Broadcasting
Field producer @ 2006 Torino Winter Paralympic Games / International Sports Broadcasting
Library coordinator @ 2006 Torino Winter Olympic Games / Torino Olympics Broadcasting Org.