

Marwen TRABELSI

Software Engineer (Bac + 5)

About me

Full Stack Javascript engineer with deep understanding of the JavaScript design patterns and software design in general, taking care of the little details starting from simple PoC to a large scale enterprise applications. Always eager to learn and seeking new challenges out from my comfort zone. check out my [Github](#).

WORK EXPERIENCE

SEPT 2015 – PRESENT

eXo Platform, [www.exoplatform.com](#)

Software engineer

Accomplishments

- Contributor and maintainer of an Open source Enterprise Social Intranet Platform.
 - Deliver patches and bug fixes to our customers
 - Communication with our multinational customers
 - Participated in the development of the latest platform releases
- (JIRA/ Debugging/ Javascript/ Angular.js)
- [Github](#) / [eXo Community](#)

FEBRUARY 2015 – AUGUST 2015

Rosafi Holing, [www.rosafi.com](#)

Internship: Full Stack JS engineer

Accomplishments: Development of ticket support system that provide an administration UI and expose API to several applications running on the cloud.
(Node.js/Angular.js/Express.js/Mongodb).

JUIN 2013 – JANUARY 2014

Concept Lab, [www.conceptlab.tn](#)

Freelance work

Accomplishments: Development of a POC Multiplayer/Multi-Channel card game using HTML5/ Node.js/ Socket.io : [Chkobba Multiplayer](#) Now its a community game +10K users : [WEB](#) / [Android](#) / [IOS](#)

3 MONTHS IN 2013

Concept Lab, [www.conceptlab.tn](#)

Freelance work

Accomplishments: Creating a bundle of Robot scripts (CURL) for automating administrative tasks via the web (Web Crawler).

JANUARY 2012 – JUIN 2012

HMT, [www.hmt.tn](#)

Internship

Accomplishments

- Reverse engineered an unmanaged GPS protocol of TK-103 model (network sniffing using wireshark)
 - Developed multithreaded server able to talk in the TK-103 revealed protocol with multiples GPSs simultaneously.
 - Developed UI able to communicate with the server and showing reported data in realtime.
- Development of a GPS monitoring platform trucks, a multithreaded server communicating with the GPS and a web interface for monitoring and sending commands [OGTS](#)
(Wireshark /Java/JPA/JSP/HTML/Java SE)

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EDUCATION

2009 – 2015 **Software engineering and systems**
Institut Suprieur de l'Informatique ISI.
Pretty good awarded, ranked 5th on the institute

2008 – 2009 **Bachelor degree**
Bachelor degree in Computer Science.
Good awarded, ranked 1th of the class

SOFTWARE SKILLS

WEB	Javascript ES6, Java, Node.js, Redux, ReactJS, Angular.js 1, HTML5, JQuery ,CSS3, SASS/LESS
TOOLS	Git, Npm, Gulp, Grunt, Maven, Mocha, Jasmin, Jenkins, NW.js, Electron
BACKEND	Sails.js, Express.js, Socket.io, Webrtc
MISC	NoSQL (MongoDB), OrientDB, Reverse Engineering, API hooking, Neural Network, Parallel Programming, Continuous Integration (IC)
DESIGN PATTERNS	Prototype, Flux, Factory , Strategy, Proxy, Observer, Decorator (Monkey patching)

PUBLIC PROJECTS

- 2015 **Chat Application ([github](#))**
Node.js, Angular.js, express.js, mongodb
- 2016 **eXo Addon ([github](#))**
eXo Platform / Portal container
- 2016 **Crypto Signal Monitor ([github](#))**
Node.js, Angular.js, express.js
- 2014 **SMS ([sourceforge](#))**
Java SE/ JPA/ Desktop

COMMUNICATION SKILLS

FRENCH	Oral: Fluent – Written: Fluent
ENGLISH	Oral: Good – Written: Very good
GERMAN	Poor : currently taking courses
ARABIC	Native