



# Loïc Winkopp – Web Developer

Engineer | Angular 2/4/5 | JavaScript | HTML5 | CSS3 | PHP | SQL | NoSQL

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- **3+ years of web development experience** in all phases of Software Development Life Cycle (SDLC)
- Holder of a **Master of Engineering** (MEng) in Information Technology
- Strong experience with Front-end technologies: **Angular 2/4, HTML5, CSS3, JavaScript, jQuery, Ajax**
- Strong experience with **PHP, MySQL** and **NoSQL**
- Proficient in using **CSS frameworks** like **Bootstrap** and **Materialize**
- Well experienced with **IDEs** like **Eclipse, Sublime Text, Visual Studio, Android Studio**
- **French English Bilingual**
- Effective team working skills, passionate developer

## SKILLS

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### Languages

- ➔ English
- ➔ French

### Development Environments

- ➔ Eclipse
- ➔ Sublime Text
- ➔ Visual Studio

### Others

- ➔ Git

### Development Languages

- ➔ **PHP**
- ➔ **HTML5, CSS3**
- ➔ Java

### Database and Modeling

- ➔ **SQL** (MySQL, PostgreSQL, DB2)
- ➔ **NoSQL** (MongoDB)
- ➔ UML
- ➔ Merise

### Web Technologies

- ➔ **Angular 2/4**
- ➔ **Bootstrap, Materialize**
- ➔ jQuery, Ajax

## EXPERIENCE

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### WEB DEVELOPER, BNP PARIBAS (LARGEST EUROPEAN BANK), PARIS, FRANCE

September '15 – August '17

**Designed and developed a web application** for managing the documentation of IT components.

- Applied strong programming competency in **Angular 2, Angular 4, TypeScript, JavaScript** and **MongoDB** to implement all the features including login, import documentation, create project, searching documentations, display list of documentations, etc.
- Created UI using **HTML5, CSS3** and **Materialize**
- Designed the NoSQL database
- **Analyzed system requirements** from the previous systems
- Was responsible for analysis, design and development of the application
- Was in charge of the **maintenance** of the application
- **Updated the application from Angular 2 to Angular 4**
- Worked closely with the executives to regularly refine the need
- Wrote the **software documentation** in English and French including **technical documentation** and **end user manual**

## WEB DEVELOPER, FRENCH NATIONAL RAILWAY CORPORATION (SNCF), PARIS, FRANCE

September '14 – September '15

Autonomously **developed and maintained a web application** for the regulation of train delays.

- Applied strong programming competency in **JavaScript, jQuery, Ajax** and **PHP** to implement all the features including Ajax forms, determining the state of the delays according to the data, display delays according to their state, user and delay administration, import of delays, generation of weekly, monthly and annual reports to provide business insights to executives, etc.
- Created UI using **HTML5, CSS3** and **Bootstrap**
- Designed **Relational database in MySQL**
- **Analyzed system requirements** from meetings with executives
- Was responsible for analysis, design, development and testing of the application
- Chose and used several **JavaScript frameworks** for specific features
- Improved performance by **reducing access to database**
- **Conducted regular meetings** with the executives to clarify the need at each stage of the project
- Wrote the technical documentation
- Conducted meetings for the transmission of the project to the maintenance team

## WEB DEVELOPER, LABGENCY, PARIS, FRANCE

April '14 – June '14

Developed the application delivery website.

- Applied strong programming competency in **JavaScript, jQuery, Ajax** and **PHP** to implement features such as login, user administration, import projects, display projects, send email notifications, etc.
- **Designed Relational database** in MySQL and **created stored procedures**
- Create UI using **HTML5, CSS3** and **Bootstrap** based on mockups
- Made most of the application **without page reloading** by using **Ajax**
- Used the version control system **Git**
- Worked in a **team of 5 people**
- Wrote the **software documentation** including **technical documentation** and **end user manual**

## EDUCATION

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## NATIONAL CONSERVATORY OF ARTS AND CRAFTS (CNAM), PARIS, FRANCE 2017

**Master of Engineering (MEng), Information Technology.**

**Relevant Courses:** Network Security • Artificial Intelligence • Database Architecture • Mobile Development (Android) • Introduction in Cloud Computing • Business Intelligence • Audit • Project Management (ITIL) • UML/MERISE

## STAFFORDSHIRE UNIVERSITY, STAFFORD, UNITED KINGDOM

2016

Two months of courses as part of Master of Engineering.

**Relevant Courses:** Decision Management • Manufacturing Systems Applications • Operational Research for Manufacturing • English Language • Communication Skills

IUT DE MONTREUIL PARIS VIII, MONTREUIL, FRANCE

2014

Technical degree, Information Technology.

**Relevant Courses:** Object-Oriented Development (Java) • Web Development (HTML, CSS, JavaScript, PHP Object-Oriented) • C Language • Algorithms • Database (PostgreSQL, MySQL, Merise, UML) • Systems, network and security (Shell, Routing) • Project Management • IT Law

## MAIN PERSONAL PROJECTS

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- ➔ **AngularJS QuickySale:** Website of classified ads developed with AngularJS and MongoDB.
- ➔ **Android Smart Music Player:** End of Technical degree project, Android random music player determining the musical preferences of the user according to his behavior and adjusting the music playback according to these preferences.
- ➔ **Java Plants vs. Zombies:** Technical degree project, tower defense developed in Java, in which the player must protect himself against zombies.
- ➔ **Java Flakboy:** Technical degree project, game developed in Java, managing the gravity and the rebounds of a character, with traps modifying the speed and the trajectory.
- ➔ **C Othello:** Strategy game developed in C using sockets to manage the communication between the two sessions.

## REFERENCES

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References available upon request.