

# RODOLPHE TOYER

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US Permanent Resident + French national



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I built my first website at the age of 11 and have been coding ever since (C, Java, C#, C++, PHP, Javascript). I have 10 years of professional experience in regulated and **tech** industries, with 8 years in **Quality Assurance** and **Test Automation**. I excel at getting the **big picture** and creating effective **test strategies** to ensure the highest quality for any given product and team. I am a thorough, creative **leader** and **team builder** capable of delivering **great impact in minimal time**.

QUALITY ASSURANCE

TEST AUTOMATION

PROCESS IMPROVEMENT

TEAM LEADERSHIP

## EXPERIENCE

### PowerReviews

10/2016 – Present

Chicago, IL, USA

### Director, Engineering Quality

- **Managed Quality Assurance** and **Technical Support** teams (13 people)
  - **Hired 10 people** and interviewed 100+ candidates for a variety of positions
  - Acted as a **process improvement** coach for the engineering department (35 people)
  - Worked daily with product owners, developers, account managers, company executives and all stakeholders to improve PowerReviews processes and overall **customer satisfaction**
- ⇒ Brought the average time to fix customer incidents from 15 days down to 8 days while increasing customer retention by 10%

### PowerReviews

11/2015 – 10/2016

Chicago, IL, USA

### Quality Assurance Manager

*Reviews and Rating SaaS provider*

- **Built the QA team** from the ground up (5 SDETs)
  - Created a **Selenium test framework in Java** from scratch and led the transition to Continuous Integration (Jenkins + Maven + Github)
  - Introduced scrum methodology and oriented the organization mindset towards quality
- ⇒ 50% back-end testing (**RESTful API** testing in JMeter and Java)
- ⇒ 50% front-end testing (**Selenium Webdriver + Java + JUnit**).

### DATATRAK

09/2014 – 11/2015

Chicago, IL, USA

### Senior Software Quality Assurance Project Manager

*Clinical Trial SaaS provider*

- Led the **Quality Assurance** effort for DATATRAK's software products (SaaS)
  - **Improved processes** across the board to enhance business performance and product quality
  - Maintained company's **regulatory compliance** to worldwide health agencies regulations and **highest software development standards** (Agile methodologies and waterfall SDLC)
  - Guided the Software Validation Department (3 testers) towards **good industry practices** (front end automated testing with **Selenium**, requirements writing, traceability matrix, release process)
  - Prepared and executed more than 20 **clients audits**, **internal audits** and **regulatory audits**
- ⇒ Highly focused on FDA and ISO regulations (GCPs, HIPAA, 21 CFR Part 11, 820, 312, ISO 27000, etc.)

### Capsule Tech

02/2013 – 09/2014

Andover, MA, USA

### Lead Software Quality Assurance Engineer

*Electronic Medical Record hardware and software provider*

- **Led 2 QA Engineers**, training, coaching and supporting them on a daily basis
  - Tested communication **drivers** from **medical devices** to central hospital software.
  - Continuously improved **test plans** and **QA processes** within the team
  - **Managed projects, reporting metrics** and mentoring QA Engineers
- ⇒ **Virtualization tools** (Oracle VirtualBox, VMWare vSphere, HyperV), **advanced use of VBA for Excel**, in-depth understanding of dozens of **communication protocols**, primary troubleshooting (**analyzing C++ code**).

## EDF, SdIN Project

2010 – 2013

Paris, FRANCE

## Software Quality Assurance Manager

Project to renew **French nuclear information system**, 30,000 users, more than **20 applications**.

- **Led** and mentored a 15-tester team
- Defined **test schedule** and improved testing process, reporting **metrics** to executive board
- Wrote black box manual test plans as well as **automated tests in Java**

### Technical skills developed in this position:

⇒ Advanced use of **HP Quality Center** (use of every module - requirements, test plans, defect, traceability matrix) and IBM Clearquest. **Automated software testing** (HP Quality Center + QTP, **Selenium**, VBA).

## EDF, Nuclear Power Plant

2008 - 2010

Civaux, FRANCE

## Production Engineer

*Instrumentation, Automation and Command & Control Department*

- **Led the plant performance committee:** facilitation of an internal 10-person cross team committee aiming at optimizing energy production performance
- Wrote engineering and **technical specifications** and **procedures**
- **Managed Projects** between several nuclear power plants in France



## EDUCATION

### Grenoble INP National School of Physics – ENSPG

2005-2008

Grenoble, FRANCE

## Master of Science in Engineering

*Major in: Energy and Nuclear Sciences*

One exchange year at **Instituto Balseiro, Argentina**.

**President** of **PG Robotik**, leading a team of **15 students** to design **autonomous robots** in order to compete in the French national robotics cup.

### François Rabelais University

2003-2005

## Associate's Degree in Materials Science



## SKILLS

### People & Process Management:

Leading by example  
Building and nurturing teams  
Process improvement



### Programming & Testing skills:

Selenium WebDriver  
Java  
C#, C++, Html & CSS, SQL



### Robotics & Electronics:

MCUs (Arduino, IMP, Teensy...)  
Hobby Electronics  
Mobile robots design



### Miscellaneous:

#### Languages:

**French** – native language

**English** – full professional proficiency

**Spanish** – full professional proficiency

#### Sports:

Running, Rollerblading, Windsurfing

Kendo (1<sup>st</sup> Dan), French Boxing (2 years practice)

#### General Aviation:

Started piloting at 14-year-old

**Private Pilot** since 2012

Training for **FAA Instrument Rating**