

# FLAVIO SMIRNE

## CONTACT

**Location :** Chicago, IL  
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## SKILLS

- **GUI Technologies**
  - Windows Forms
  - WPF
  - ASP.net MVC
  - LINQPad
  - XAML
  - Razor
- **Server Technologies**
  - Windows
  - Linux
  - Azure
  - AWS
- **Databases**
  - SQL Server
  - PostgreSQL
  - SQLite
  - Entity Framework
  - Dapper
  - LINQPad
- **Web Development**
  - HTML5
  - Javascript
  - Bootstrap
  - jQuery
  - CSS
  - AJAX
  - REST
- **Development Tools**
  - Visual Studio
  - Agile
  - Waterfall
  - pgAdmin
  - SSMS
  - Github
  - Bit bucket
  - JIRA
  - Confluence

## PROFESSIONAL SUMMARY

Two things I enjoy the most in my career are automation and optimization. I enjoy working on challenging problems and finding simple solutions that are easy to understand and replicate. I'm an expert in Microsoft technologies and I know how to translate complex problems into simple solutions.

## WORK EXPERIENCE

**Solution Productization Architect** 01/2014 to Present  
**Accertify, An American Express Company** Itasca, IL

- Leader of Solution Productization team. Responsible for design and standardization of anti-fraud systems across Retail, Digital, Travel, Arline and Ticketing industries
- Responsible for automation of Implementation across the whole company – Including tools, process and standardization.
- Ranked top 1% of leaders in the company – President's Award winner.
- Involved in many high profile fortune 500 projects, implementing custom anti-fraud solutions.
- Directed all aspects of implementations and worked with project managers and technical architects of companies around the globe.
- Top performer in Implementation team since first year joining the company. 2014-2020

**Execution Lead (Mobile / E-Commerce)** 04/2008 to 01/2014  
**State Farm Insurance** Bloomington, IL

- Lead Developer for State Farm Pocket Agent™ for Windows Phone 7 & 8.
- Co-designer, co-architect and co-developer of the portal for all State Farm mobile applications, the entry point used by all clients including iPhone, Android, m.statefarm.com and Windows Phone.
- Winner of State Farm Hack Day 2 years in a row (2009-2010).
- Presented papers and gave enterprise direction on topics such as anti-patterns, performance engineering and software engineering best practices.

**CTO** 02/2010 to 08/2011  
**Realinked.com** Chicago, IL

- Founder of Realinked, an online real estate brokerage focused on the metropolitan Chicago market.
- Responsible for all technical aspects of the business including design, development and maintenance of the online presence from the backend to presentation layer.
- Focused on Web 2.0 standards such as jQuery, SQL Server 2008, AJAX, JSON, MVC, IIS.
- Exposed to all aspects of the business and ability to wear multiple hats to ensure highest quality.

**Software Engineering Manager**  
**Wolfram Research**

03/2004 to 04/2008  
Champaign, IL

- Climbed the corporate ladder right out of college from tech support to software engineer to software engineering manager.
- Was responsible for several key aspects of Mathematica, the main software developed at Wolfram Research, including the design from the ground up of the Image Processing Framework and functionality, several components of the Import and Export framework including 2D and 3D Graphics, Bio-Informatics and GIS, and contributed to the 3D Graphics Framework using OpenGL and Direct3D.
- Wrote cross platform C++ code for Windows, Linux and MacOSX in very large code base (several millions of lines of code between the Kernel and User interface).

## EDUCATION

**Bachelor of Science : Computer Engineering**  
University of Illinois, Champaign-Urbana  
Named to Dean's List

2003

**Bachelor of Science : Civil Engineering**  
University of São Paulo, São Carlos - SP - Brazil

1999

## LANGUAGES

English

Portuguese

Spanish