

# FLAVIO SMIRNE

## CONTACT

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## SKILLS

### ☒ GUI Technologies

- Windows Forms
- WPF
- ASP.net MVC
- LINQPad
- Windows Phone
- Razor

### Server Technologies

- Windows
- CentOS
- 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
- SQL Server Management Studio

## PROFESSIONAL SUMMARY

I live to optimize things. I enjoy working on challenging problems and finding simple solutions that are easy to understand and replicate. Throughout my career, I've always looked for ways to automate processes and have created countless solutions for these problems. I'm an expert in Microsoft technologies .

## 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 many aspects of the Implementation Process (C#).
- Ranked top 1% of leaders the company – President's Award winner.
- Involved in many high profile fortune 500 projects, implementing custom anti-fraud solutions.
- Worked on all aspects of implementations along with project managers, directors and technical architects of Fortune 500 clients.
- Top performer in Implementation team since first year joining the company.

**Execution Lead (Mobile / E-Commerce)** 08/2008 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 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** 2003  
University of Illinois, Champaign-Urbana  
Named to Dean's List

**Bachelor of Science : Civil Engineering** 1999  
University of São Paulo, São Carlos - SP - Brazil

## LANGUAGES

English

Portuguese

Spanish