

# BENOIT POHL

WEB ENGINEER

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## SUMMARY

Software developer with over 10 years of professional experience creating web applications and services, with a special emphasis on clean design and simple code. Specialized in Node.js, Microsoft .NET technologies and modern web techniques.

## SKILLS

### C# / .NET

- Strong knowledge of the .NET platform up to version 5/.NET Core 2.0
- Many web applications designed with Web Forms and ASP.NET MVC
- Web API, ServiceStack, experiments with *SignalR* and F#

### JavaScript, Node.js

- Deep knowledge of the language and Node.js API
- Modular approach (npm modules, browserify)

### Data management and storage

- Working with datasets, streams of data, ETL
- Data mining & web/API scraping, API automation
- SQL language, SQL Server, PostgreSQL
- NoSQL: Redis, LevelDB, ElasticSearch, Couchbase

### Web mapping, data visualization

- Creation of interactive map and graph
- GIS datasources, concepts and tools: GDAL, Mapbox, OpenStreetMap

### Web

- Web APIs, HTML5, CSS3
- Mobile interface, Progressive Web App, Responsive design, accessibility

### Software engineering methodologies

- Building advanced Full apps from scratch, server and front-end: Full Stack
- Architecture, design and patterns, functional & OO programming, testing

### Tooling

- Git, Subversion, Docker
- Logging: SQL Server, Elastic Search, dedicated front-end
- Continuous Integration: Drone CI, Jenkins, MSBuild, bash scripts

### Unix server administration

- Shell, vim and command line tools
- Config and fine tuning: Apache, Nginx, Postgres, OpenSSH

### Other languages

- Rust (for IOT), Python (NLTK and Scikit), PHP (Symfony, Zend)

## EXPERIENCE

### Entrepreneur

August 2015 - Now

ColoredFly

### Freelance developer

January 2009 - Now

### Side-work developments

- Developments for marketing. *Social media apps, data analytics and reporting.*
- Final clients include *Société Générale, Quick, Danone, Richemont.*

**Senior Software Developer**

September 2013 - August 2015

**Travelfactory**

- Development of services and websites, related to tourism business. *C#, F#, XUnit, Couchbase, ETL*
- Coordination with the front-end team, providing expertise in *JavaScript*.
- Development of geo-services and creation of a map server based on OpenStreetMap with custom map styles. *Linux, Postgres + Postgis, OSM data, CartoCSS*

**Senior Software Developer**

May 2012 - July 2013

**L4 epsilon** (now part of the Zetes Group)

- Implementation of new business features in a supply chain management software. *C#, Asp.Net WebForms, WinForms, SQLServer, NUnit*
- Worked on the web client, UX improvements and Selenium tests.

**Software Developer**

January 2011 - December 2011

**Evacuatio**

- Architected and developed Evacuatio Online, a collaborative platform aimed at creating emergency exit plan. *C#.NET (MVC 4, Web API, NHibernate)* and *Flash (Flex and Parsley frameworks)*
- Installation and administration of the Windows 2008 server (*IIS, Sql Server*), emails configuration (*HMailServer*).

**Software Developer**

July 2010 - September 2010

**CiLoyalty** (Australia)

- Maintenance and upgrade of existing web sites and services. *ColdFusion, JavaScript, JQuery*
- Flash game creation. *AS2, Box2D physics engine*

**Software Developer**

July 2006 - May 2009

**Groupe Telio**

- Designed, architected and developed various web applications *C#, Asp.net, SQL Server*.
  - Learning management system
  - Work and time planner
  - Industrial data analysis tool
- Managed the web development team, training team members and tech guidance

**Software Developer and Designer**

May 2005 - June 2006

**Saint-Gobain Glass**

- Responsible of media & interactive contents production for an international e-learning project. *Flash, Actionscript, Illustrator, Blender*

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**EDUCATION****MASTER (DESS) Digital Media and Interactivity (2003 - 2005)**

Université de Lorraine (Henri Poincaré), Epinal

**LICENCE Communication services and technics (2000 - 2003)**

Université Louis Pasteur, Strasbourg

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**INTERESTS**

- Strong interest in new technologies, Open Source Softwares and decentralized networks.
- Photography and processing lab. 2 years as a teacher in a student lab.
- Practicing boxe and salsa dance classes.