

# Pierre-Hakim Bougattaya

C # . N e t  
D e v e l o p e r

05/57 Laidlaw Parade  
4169 East Brisbane  
QLD, Australia  
0481 503 220

pierre.hakim.bougattaya  
@  
gmail.com

## TECHNICAL SKILLS

- .Net Core 2 / .Net 4.X
- Restful Web API
- React + Redux
- Less + CSS
- ASP.Net MVC
- EF Core,
- SQL
- Dynamo Db
- Raven Db
- HTML5 / JSX / JS
- CSS3, Bootstrap, Semantic UI
- Javascript, JQuery
- Strong interest in IT technologies (GitHub, conferences, self-education...)

## SOFTWARES

- Visual Studio 2017/2019
- JetBrains WebStorm
- TFS / GitHub / Bitbucket / Confluence
- SSIS 2012
- SQL Management Studio
- TOAD for SQL Server
- Control\_M Scheduler

## ABOUT ME

Passionate, hands-on professional, I have over 7 years' experience in DotNet development covering multiple technologies. I keep atop of new evolutions within the industry and can adapt quickly to new coding conventions. I like working in a close team environment and apply a positive attitude to every task I undertake.

Strong knowledge of microservices architecture with heavy emphasis on Web APIs. Backend experiences includes both SQL and No-SQL databases.

Great interests in rich front-end environments such as React + Redux bundled with webpack.

## EMPLOYMENT

### SENIOR .NET DEVELOPER at Domino's

Brisbane, Queensland, Australia February 2019 – Present

Domino's pizza is an international food chain whose internet and mobile applications generate a large part of their revenue. The Domino's master franchise in Brisbane is responsible for the online ordering system used in Australia, NZ, Japan and Europe.

Domino's recently undertook a major rewrite of their web and mobile applications as well as their backend environment.

My role at Domino's involves designing and building the new backend environment using the latest technologies such as .Net Core 2.2 and doing the migration from Azure to AWS for some particular features such as database (from Cosmos DB to Dynamo DB).

- ✓ Team of 3 developers, 1 project manager and 1 QA tester,
- ✓ Server-side environment:
  - .Net Core 2.2 Restful Web API,
  - DynamoDB (AWS),
  - Azure CI/CD,
  - Microservices architecture,
  - Units tests using NSubstitute,
  - Agile methodology in Azure DevOps,
  - Docker container
- ✓ Implementation of a DotNet Core 2.2 microservice from scratch in order to persist pizza orders,
  - Using DynamoDB (AWS) with the object persistence model approach for store and load DynamoDb data and/or retrieve .Net objects,
  - Restful API using swagger,
  - API client generation using NSWAG,
  - Unit tests using NSubstitute,
  - CI/CD using build and release Azure pipelines and Docker containers
- ✓ Creation and maintenance of documentation and architecture diagrams for existing solutions to help the architect's decisions,
- ✓ Bugs fix,
- ✓ Provide support to co-workers and QA testers

**Referees available upon request.**

## PERSONNAL SKILLS

- Team Player,
- Positive attitude,
- Adapts quickly and easily,
- Good communication,
- Creative, curious and eager to learn new things,
- Music player (guitar),
- Sportive

## LANGUAGES

- French (native)
- English (Advanced level)

### .NET DEVELOPER at Everwealth

Brisbane, Queensland, Australia December 2018 – February 2019

Everwealth is a personal financial manager that provides everyday people a central location to view, evaluate, and make smarter financial decisions in order to gain control of their personal finances.

- ✓ Back End:
  - .Net Core 2.2 Rest Web API,
  - Event driven/CQRS architecture with Mediator pattern,
  - EF Core + SQL Db,
  - Azure queue,
  - Azure build & deployment,
  - Identity Server 4 and claims-based approach,
  - Units tests using Mock,
  - Agile methodology in Azure DevOps
- ✓ Management of backend beta launch and creation of a wait list in order to let people join our platform and to introduce Everwealth to Australia,
- ✓ Migration from services approach to CQRS approach at the web API level,
- ✓ Creation of a new IP based data provider to get user geolocation data ,
- ✓ Improving backend unit tests,
- ✓ Bugs fix

**Referees available upon request.**

### .NET DEVELOPER at TSWG

Brisbane, Queensland, Australia March 2017 – December 2018

DigitalPlay Banking is a highly configurable and responsively designed online banking solution that allows a banking institution to connect with existing and new customers.

- ✓ Back End:
  - .Net Core 2 Web API,
  - Microservice architecture using a service bus broker,
  - Raven Db
  - TeamCity deployment
- ✓ Front End:
  - React 16 + Redux (Webpack, Babel, ES6, ...)
  - Less CSS + Semantic UI
- ✓ Implementation from scratch and deployment of two micro services using: a Tax API (.Net Core 2 Web API) to manage TFN and CRN data from the core banking system and a report API (.Net Core 2 Web API, Entity 6) for SIEM data,
- ✓ Implementation of various stories for Delphi Online Banking and Rams Online Banking (front end / back end),
- ✓ Responsible for the Delphi Online Banking migration (from their system to ours),
- ✓ UAT and SIT deployment for RAMS Online Banking (service bus configuration, Kudu deployment, server settings, TeamCity configuration...)
- ✓ Bugs investigation and fix,
- ✓ Rich front end and back end environment,

- ✓ Contribution to weekly developer meeting,
- ✓ Product-oriented approach,
- ✓ Combine patience, determination, and persistence to troubleshoot client issues,
- ✓ Part of a team of developers, business analysts, web designers and managers using Bitbucket for sources and Confluence for clients' needs,
- ✓ Possess a strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times,
- ✓ Agile methodology

**Referees available upon request.**

## **.NET DEVELOPER at Dialog Information Technology**

Brisbane, Queensland, Australia July 2016 – March 2017

Client: **Queensland Health.**

Implementation of business processes and appropriate web application from scratch to enable Health Protection Branch to collect data on positive detections on contaminants (specifically legionella) from all facilities that perform regular tests of water within states of Queensland.

- ✓ Design and implementation of the ASP.Net MVC5 architecture from client requirements,
- ✓ Entity Framework 6,
- ✓ UI: Design and implementation of Bootstrap/JQuery main front end views with:
  - Razor view,
  - HtmlHelper,
  - JQuery 3,
  - JQuery Datatable,
  - JQueryUI,
  - Bootstrap 3 / basic CSS,
  - Ajax call for back end communication
- ✓ BackEnd implementation (services, controllers and wrapper to access database (LINQ, stored procedure call...)),
- ✓ FrontEnd implementation (UI based on Editor and Display MVC templates, javascript/JQuery)
- ✓ Implementation of a custom MVC security handler (overriding AuthorizeCore and build strong wrapper around it),
- ✓ Use of SimpleInjector to handle dependency injection between services and controllers,
- ✓ Help on the design of the database model (SQL Server 2014, Bulk),
- ✓ Work with TFS Team Services (Design – Code – Bug – Fix) in an agile environment

**Referees available upon request.**

## FRONT OFFICE C# .NET DEVELOPER at Natixis CIB

Paris, France, May 2013 – June 2016

Corporate & Investment Banking advises companies, institutional investors, financial sponsors and public-service groups. Natixis CIB furnish a diversified array of financing solutions, provide access to capital markets and deliver transactional banking services.

- ✓ Development of a C# WPF MVVM app with Entity/Code First. Services oriented architecture. SQL Server Database. Metro design integration. Financial data editor for demanding customer,
- ✓ Development of a C# WPF MVVM app. Provide easy deployment for SSIS packages from TFS (VS2012) to production environment,
- ✓ Development of fifteen SSIS packages: Extract data from different sources (web, FTP, CFT, Database, Markit, Iboxx, Bloomberg, Candeal), transformation on our server (from simple sort for flat file delivery to complex merge from different sources on our data system) and load to customers. Using custom job scheduler,
- ✓ Migration from Sybase 15 to SQL Server 2012 (Database, C# process, SSIS packages, double production environment and several other specific features),
- ✓ Maintenance & evolution of many C# & SSIS applications:
  - A C# real time multithread application for repatriation of bond characteristics from Bloomberg, Summit & Reuters,
  - A C# 4.0 WPF with Entity fw. Big monitoring and operation screen for about 300 customers (fin analyst, traders),
  - About 150 scheduled SSIS & C# process to monitor. High importance programs for financial analysts and traders.
- ✓ From 1st to 3rd support level for customer in Paris, New York, London & Hong Kong (Hotline available 24/7).

**Referees available upon request.**

## IT DEVELOPER at Yellow Pages France

Paris, France, 2011 – 2013

Yellow pages refers to a telephone directory of businesses, organized by category rather than alphabetically by business name, and in which advertising is sold.

Development, maintenance and improvement of a large commercial C++ application. The objective is to provide users with all the products from Yellow Pages (commercials, ads...) and manage the billing of the products,

- ✓ Writing of functional and technical specifications regarding:
  - Establishing new products,
  - Adding/modifying a GUI,
  - Unit testing
- ✓ Development of a C# third-party application with iTextSharp DLL for generating quotes to customer from main application,
- ✓ Implementation of XSLT script (5000 lines) to retrieve data from XML file for the establishment of the estimate,
- ✓ Handle C# threads to manage remote command,
- ✓ Managing Oracle database v.10,
- ✓ Responsible for the delivery to the customer and functional test for final deliverable, respect of the delivery process,
- ✓ From 1st to 3rd support level for customer in France.

## RESEARCH & DEVELOPMENT at Ecole Centrale Paris

Paris, France – 2011 - Internship

- ✓ Implementation and evolution of a mathematical model (in Java) for planning and scheduling production chain for process industries (chemistry, food-industry...),
- ✓ Experimental comparative study of different optimization software (Knitro, Couenne, Baron for the non-linearity part of the model),
- ✓ Development of a MIP model with Ilog Cplex (now IBM Cplex Optimize), city, weighted arcs...).

## EDUCATION

### MASTER'S DEGREE

2008–2010

COMPUTER SCIENCES, MATHEMATICS & OPTIMIZATION  
UNIVERSITÉ DE BORDEAUX, FRANCE

### BACHELOR'S DEGREE

2005–2008

MATHEMATICS & COMPUTER SCIENCES  
UNIVERSITÉ DE POITIERS, FRANCE

## SIDE PROJECTS

### FRONT END :

- ✓ Tchat.IO ([Link](#))
  - NodeJS Server/Client communication with Socket.IO,
  - Minimalist Bootstrap design
- ✓ The Junction ([Link](#))
  - Jade Templating and Bootstrap design
  - Tricky jQuery features
  - ExpressJS for routing
- ✓ AngularJS Routines ([Link](#))
  - Controllers, Binding, Directives, Filters, Services, Routing (ng-route)...

More projects on my [GitHub](#).

### CONFERENCES :

- ✓ The Wagon Paris ([Link](#))
- ✓ NodeSchool/Mozilla France ([Link](#))