

Benjamin Lurquin

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Profile

Senior .NET developer / Architect with customer-oriented and service-minded attitude.

Expertise in C#, .NET Core, React, NextJS, Angular, software architecture, ASP.Net, Backend & Frontend development. MCSD certified.

Education

EPHEC Louvain-la-Neuve – Bachelor in computer sciences, 2011

Graduate thesis: Implementation of a strategy for automated testing of a CRM Platform

Certifications & Trainings

- MCSD - Web Applications
- Scrum master certification
- PRINCE2 certification
- Marketing: Successful omni canal strategies
- Extreme programming & design patterns
- How to delegate efficiently in the ICT sector

Technical Knowledge

LANGUAGES & SCRIPTING

C#, TypeScript, JavaScript, T-SQL, HTML, LESS, SASS, XML

FRAMEWORKS

.NET, .NET Core, ASP.Net, React, Angular, NextJS, Blazor, .NET MAUI, Blazor

TOOLING

Entity Framework, Git, Docker, LINQ, nHibernate, SignalR, MS Bots

CLOUD SERVICES

Microsoft Azure, Amazon AWS, Application Insights, Websites hosting, Databases, Service Bus, Webjobs, Slot Deployment, Storage

DATABASES

Sql Server, Sql Server Reporting Services, MySql, Oracle

TESTING

MS Test, nUnit, Moq

SOFTWARE ARCHITECTURE

Domain Driven Design (DDD), Clean Architecture, CQRS, Micro-services, Test Driven Design (TDD), SOLID Principles, Event-Based architecture, Synchronous / Asynchronous patterns, System integration layer

Functional Knowledge

BUSINESS & FUNCTIONAL ANALYSIS

UML, Gathering / Definition of business requirements, Functional analysis, Technical Analysis, Role Activity Diagrams, Business Intelligence

TESTING

Test Analysis, Test Scenarios, Acceptance Testing, Integration Testing, Functional Testing

APPLICATION LIFECYCLE

Scrum, Jira, Confluence, Technical Architecture Analysis, Application Lifecycle management, Continuous Integration, Writing functional instructions, Production Follow-up

Languages

French - C2 (Proficient)

English - C1 (Fluent)

Experience

SENIOR .NET DEVELOPER, SWIFT – 01/2021 - PRESENT

SWIFT is a global member-owned cooperative and the world's leading provider of secure financial messaging services.

- Support efficient delivery of SWIFT's strategy by enhancing the working environment and productivity of all SWIFT staff by providing corporate platforms, application solutions and workplace tools.
- Implementation of CI/CD solution.
- Web & Mobile applications development and maintenance.
- High Performance and Security focused platform development for internal systems.

C#, .NET Core, Angular, React, Clean Architecture, CQRS, Domain Driven Design (DDD), Clean Architecture, CQRS, Micro-services, Test Driven Design (TDD), SOLID Principles, Event-Based architecture, Synchronous / Asynchronous patterns, System integration layer, Blazor, Nunit, Azure, ASP.NET, Jenkins, Scrum, Jira, Confluence, System integration

.NET ARCHITECT, THE RINGRING COMPANY – 07/2020 - 01/2021

The RingRing Company is the Belgian leader in CPaaS (Communication Platform as a Service), the multi-channel cloud communication platform industry.

- Designing APIs following micro-services architecture approach.
- Implementing state of art clean architecture for new projects.
- Integration with third party infrastructure and systems.
- Coaching junior developers.

C#, .NET Core, Angular, Docker, Kubernetes, Micro-services architecture, Clean Architecture, Domain Driven Design (DDD), Kafka, Redis, Azure, Scrum, Jira, Confluence, Azure Service Bus

SENIOR .NET DEVELOPER, AUDATEX – 01/2019 - 07/2020

Audatex is a major player in the automotive industry, offering a software-as-a-service (SaaS) platform aimed at the market of resellers of used or damaged vehicles.

- Improvement of legacy code for existing solution
- Successfully develop new solutions following micro-service architecture and Domain Driven Design (DDD)
- Integration with existing systems
- Daily code reviews

- Unit testing

C#, .NET Core, Angular, Azure, Domain Driven Design (DDD), Docker, Micro-service architecture, Application Insights, Scrum, Jira, Confluence, Azure ServiceBus, RabbitMQ, Event-Based architecture

SENIOR .NET DEVELOPER, ENGIE – 03/2017 - 12/2018

“New Innovative Solutions” team member to support business of Global Energy Market department at Engie.

Building several complex business APIs, Backend, Web & Mobile applications for real time access to trading market.

C#, ASP.Net Web API2, .Net Core, Angular 2+, nHibernate, SignalR, Azure, Application Insights, Service Bus, Micro-service architecture, Scrum, Real-Time data fetching, Asynchronous Programming Model(APM), Event-Based Asynchronous Pattern (EAP)

DIGITAL BACKEND ARCHITECT, EMAKINA – 04/2016 - 03/2017

- Expert in the digital systems being used at PMI, such as GMB, SPICE, Sitefinity, etc and recommendations on which systems to use for specific projects, which solutions to add to these systems and which custom development should be done.
- Creator and owner of the digital architecture as well as the technical analyses combined with workload estimations and project approaches.
- Follow-up and coaching other developers involved on the projects. Definitions of the best practices and way of working for the development process. Responsible for the quality of the work delivered on the projects
- Active participation in the development by writing code as well.

.NET, ASP.NET MVC, ASP.Net Web API, Sitefinity, Digital Experience Cloud, Entity Framework, IBM SPICE, MS Test, Ninject, Moq, Git, SQL Server, Amazon Cloud Services, MS Bot Framework, Integration with external systems

.NET DEVELOPER, ORES – 12/2014 - 03/2016

CapGis: a geographical information system (GIS) designed to capture, store, manipulate, analyse, manage, and present all types of spatial or geographical data in order to manage the electricity and gas network in Belgium

- Implementation of new features
- Existing modules refactoring according to the SOLID principles & Domain Driven Design
- Writing unit tests & integration tests
- User interface optimisations

ASP.Net MVC, Kendo Framework, MapGuide, MVVM, NHibernate, Nunit, Moq, TFS, Oracle, Scrum

.NET DEVELOPER / BNP PARIBAS – 01/2014 - 12/2014

- In the banking sector, design and development of reporting application (Business Intelligence)
Achievement: Transversal view for Test managers on all projects with a direct visibility on action to be taken.
- BI reports development with ASP.Net MVC 5 based on HP Quality Center, a quality management software which offers software quality assurance, including requirements management, test management and business process testing for IT and application environments. Collection of data across multiple databases. Users and role management to display datas.
- Establishment of a centre of excellence for applications produced by BNP by setting up a portal for code analysis which aims to prevent software risk, measure productivity and improve code quality.

C#, ASP.NET, MVC, TFS, COMPONENT BASED DEVELOPMENT (CBD), HP QUALITY CENTER, TEST ANALYSIS, TEST SCENARIOS, TEST DRIVEN DEVELOPMENT (TDD)

.NET DEVELOPER, COGEN – 11/2012 - 01/2014

Cogen provides translation and multilingual publishing services.

- Analysis and creation of new business applications, as well as improving existing business tools and a second line helpdesk assistance for process issues.
- Technical design, UX design, technical architecture, development, documentation and testing of the main project management software (ERP) at Cogen (WPF)
- Technical and functional analysis, architecture and development for a purchase management software (WPF).
- New website
- Maintaining and improving customer portal (Web Services, ASP, Silverlight).
- Maintaining and improving many linguistic tools developed by and for Cogen (WinForms)
- Report creation for decision analysis (Business Intelligence).

Scrum, Technical & Functional Analysis, UML, Business Intelligence, .NET, WordPress, WinForms, WPF, Technical Architecture Analysis, Entity Framework, MVVM, ASP.NET, Silverlight, AJAX, Web services (SOAP), SQL SERVER, SVN, MSMQ

SOFTWARE DEVELOPER, COGNITIC – 02/2011 - 11/2012

Development of software solutions (mainly web applications) as well as many missions as trainer in a training center (Technofutur TIC) for Web and Microsoft technologies

- Numerous websites analysis, development and improvement
- Search Engine Optimization

- New management training software development for TechnoFutur
- Writing and delivering trainings

C#, ASP.Net MVC, PHP, SQL Server, Business analysis, functional analysis