CTO · Tech Lead

Sébastien Rigaux

Software architecture · Engineering leadership · Web and mobile products

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With 14 years of experience in web and mobile, I connect technical vision, architecture and hands-on delivery. As a CTO and Tech Lead, I help teams take products from idea to launch.

Today, I drive the transition to AI, support engineering teams and help clients make technology decisions through CTO as a Service engagements.

At Microsoft in Vancouver, I led the Voicemail team for Teams and Skype for Business on a platform handling millions of messages a day. Self-taught and close to the code, I also keep up with React, frontend development, C# and Kubernetes.

Outside work, I spend time with my family, travel, go out with friends, and enjoy field hockey, kitesurfing and padel.

01 Professional experience

2016 – present

Chief Technology Officer

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- Lead the technology strategy of a company with around 40 employees and support its development teams from idea to launch.
- Set technical direction for a portfolio of dozens of web and mobile apps, thousands of websites, dozens of online stores and complete digital solutions.
- Drive the transition to AI: explore use cases, select tools, train teams and automate internal workflows.
- Bring AI into products and build client solutions, including AI-powered telephone agents.
- Advise clients on architecture through CTO as a Service engagements, conduct audits and risk assessments, and support their teams.
- Prototype new ideas, contribute to product development and oversee server infrastructure.

2020 – 2021

Software Engineer II · Voicemail

Microsoft · Vancouver, BC, Canada

- Led the Voicemail team for Microsoft Teams and Skype for Business, with services processing millions of voicemails each day.
- Helped scale voicemail services as Teams usage surged during the COVID-19 pandemic.
- Contributed to modernizing and containerizing existing services as the platform evolved.
- Integrated neural-voice text-to-speech (TTS), speech-to-text (STT), IVR flows and AI-powered automatic translation.

2015 – 2016

Chief Technology Officer · Mobile

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- Led a team of around ten and organized the mobile and .NET API/backend groups.
- Set the architecture and selected technologies for several iOS and Android business applications, including Xamarin-based apps, and their .NET APIs.
- Scoped client needs, turned requirements into specifications and guided delivery from concept to launch.
- Built end-to-end consumer-facing solutions for major Belgian public and sports organizations, spanning multiple applications and serving thousands of people each month.
- One of these projects also included real-time IoT capabilities.

2012 – 2015

iOS & Web Developer

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- Worked across the full iOS project lifecycle: research, planning, development, launch and client support.
- Built native mobile applications tailored to each client's needs.
- Tracked project milestones and reported progress to leadership every week.

2012 – 2012

iOS Developer Intern

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- Developed an iPhone app and APIs.
- Also built web applications using ASP.NET MVC.

02 Education

Sept. 2013 – Jun. 2015

HEC & University of Liège – ULiège (BELGIUM)

Master of Science in Computer Science, Management track

Graduated with Honors

Sept. 2012 – Jun. 2013

University of Liège – ULiège (BELGIUM)

Bachelor of Science in Computer Science

Graduated with Honors

Sept. 2010 – Jun. 2012

The HEI of the Province of Liège – INPRES (BELGIUM)

Bachelor in Management Computing

Graduated with Honors

Sept. 2007 – Jun. 2010

University of Liège – ULiège (BELGIUM)

Bachelor of Science in Computer Science

First two years of bachelor's degree in computer science at the University of Liège (ULiège)

03 Skills

Languages

French	Native
English	Good working level
Dutch	Basic

Technical expertise

Technical leadership & CTO as a Service

Architecture, audits, risk assessment, technical advice and team support.

Web & mobile engineering

Frontend, backend, APIs and native iOS applications.

AI transition & automation

Use-case discovery, tool selection, training, product integration and AI-powered telephone agents.

Communication at scale

Microsoft Teams and Skype for Business voicemail services processing millions of messages a day.

Speech technology & applied AI

Neural-voice TTS, STT, IVR and automatic translation.