

\$ whoami

Raphael Bridi

Solution Architect · Senior Team Lead · Technical Recruiter

tel: 438-394-3008 mail: raphaelbridi@yahoo.com git: github.com/tousisat

// SKILLS

Leadership: Solution Architecture | Team Leadership | Project Staffing & Task Assignment | Coaching & Mentoring | Technical Recruiting | Performance Management | Client Relations

langs: TypeScript | JavaScript | HTML | JSS | CSS | SCSS | C# | VB.NET | Python | Java | C++

frameworks: NodeJS | ReactJS FC | React Native | Electron | Ionic | Angular2+ | ASP.NET CORE | SpringBoot

libs: Redux | ContextAPI | Express | MUI | Tailwind CSS | Mongoose | TypeORM | Sequelize | Socket.IO

data: MongoDB | PostgreSQL | GraphQL | Prisma | Firebase | Supabase

cloud: AWS | Azure | DigitalOcean | Cloud Computing | CI/CD | Jest | Swagger | Unit Testing | E2E | Lambda | OOP

arch: Solution Architecture | System Design | Microservices | MicroFrontend | REST | Distributed Systems | Full-Stack

spoken: English | French | Arabic – fully trilingual

// EXPERIENCE

Senior Team Lead, IBM Consultant

07/2021 – now

Hydro-Québec · Quebec, CA

- › Led the design and development of an AI search-bot system supporting technicians and staff in their day-to-day work.
- › Developed an MVP that led to a \$15 million contract with our client Hydro-Québec.
- › Designed and implemented scalable APIs and background workers for managing first- and third-party proprietary licenses using the MERN stack, Azure AD, OpenShift, Watson Discovery, Daeja and other IBM cloud technologies, serving millions of license requests daily.

Solution Architect, Coach & Technical Recruiter (concurrent role)

2021 – now

IBM · Quebec, CA

- › Solution Architect across concurrent client engagements (Postes Canada, CIBC, BNC): assess client needs and define the target software architecture and technology stack for each solution.
- › Build and staff project teams: place the right consultants on each project and ensure every team member has clear task assignments and deliverables.
- › Coach IBM employees to define and achieve their professional goals; member of IBM's technical recruiting team, screening and interviewing candidates to bring in new talent.

Senior Software Engineer, IBM Consultant

01/2021 – 07/2021

NGEN · Quebec, CA

- › Led the design and development of a custom AI-based social network for our client NGEN, driving \$5.3 million of revenue every year using the latest IBM Cloud technologies, NodeJS, ReactJS, MongoDB, IBM Functions and Watson Discovery.
- › Designed and implemented scalable APIs and background workers for managing first- and third-party proprietary licenses using the MERN stack, IBM Functions, and other IBM cloud technologies, serving millions of license requests daily.

Senior Software Engineer

05/2020 – 01/2021

PROGTECH · Quebec, CA

- › Implemented an enterprise application for our insurance client using JavaScript, React, NodeJS, MongoDB and MUI.
- › Designed and developed systems facilitating HR and employees to perform various tasks.
- › Fully automated the insurance platform's accounting user experience by integrating Sage One.

// EXPERIENCE (continued) -----

Software Engineer, Contract

03/2019 - 08/2019

KAUST · Thuwal, SA

- › Designed and implemented a real-time presentation system using React, NodeJS, SCSS, JS and Socket.IO.
- › Time and resource planning in a design notebook.

Embedded Engineer, Consultant

09/2017 - 04/2020

ERGONOFIS · Quebec, CA

- › Designed and implemented an enterprise fintech application for their desk-reservation system, driving monthly potential revenue of \$100,000 using RPI microcomputers, embedded microcontrollers, C++, gRPC, React Native, Node, Redux, Firebase and Angular2+.
- › Engineering lead for designing and developing the desk-reservation hardware system.

IoT Consultant, Contract

01/2016 - 01/2020

Ahuntsic College · Quebec, CA

- › Helped professors rebuild the final-year project for electrical engineering students.
- › Designed and implemented a step-by-step guide for assembling and programming an internet-controlled robot using JavaScript, TypeScript, Angular 2+, ReactJS, Redux, Java, NodeJS, Raspberry Pi, ATmega328, SolidWorks and 3D printing.

// EDUCATION -----

Bachelor's Degree in Electrical Engineering

2015 - 2019

ÉTS University · Quebec, CA

- › Major in Electrical and Computer Engineering.
- › Scholarship for academic excellence.

// PROJECTS -----

~/autotrackautotrack.trifali.app

AUTOTRACK: SaaS GPS fleet-tracking platform that lets companies track their vehicles in real time and generate monthly reports.

~/gestiagestia.trifali.app

GESTIA: All-in-one business management platform for Quebec companies — clients, projects, quotes, invoices and payments in one place.

~/locaquebeclocaquebec.trifali.app

LOCAQUÉBEC: Local rental marketplace for Quebec — find and rent cars, bikes, tools and more from people nearby.

~/publiopublio.trifali.app

PUBLIO: AI-powered social media automation for agencies — manage up to 30 clients from one dashboard with AI-generated content calendars and auto-publishing.

// OTHERS -----

- › Ex-bodybuilder: won 3rd prize at the 2019 Men's Physique competition in Montreal, Canada.