

Karim Gouba

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EXPERIENCE

UBISOFT | FULL STACK DEVELOPER

February 2022 - Present | Montréal, QC, Canada

- Participate in architectural reviews of software, infrastructure and data architectures.
- Conception, realization and deployment of a web application (Java/Angular) which allows the visualization, management and monitoring of kafka pipeline state.
- Conception, realization and deployment of a CLI Spark application that compact big data. Reduce data storage costs by 65% by removing duplicate, merge and compress files.
- Conception, realization and deployment of a spark cron job that validate recently stored data and notify the team of any wrong data found.
- Merge old microservices hosted in VMs to K8s cluster: dockerize applications, provisioning resources using terraform, update CI/CD pipeline, deploy via ArgoCD.
- Monitoring, troubleshooting and documenting our online services. Providing after-hours customer support.

QUÉBECOR | FULL STACK DEVELOPER

July 2019 - February 2022 | Montréal, QC, Canada

- Participate in architectural reviews of software, infrastructure and data architectures.
- Implementation, deployment and support of infrastructure systems and technologies.
- Develop and maintain the Rest API micro-services for the new company's media platform qub.ca using Java, Node.js, MongoDB, Postgres, Redis, AWS.
- Develop User Interfaces features in the public website and the private admin panels using React, Redux and Next.js
- Maintain the company's websites, dockerize and deploy micro-services.
- Maintain mobile notification's micro-services for sporting calendar using Node.js
- Debugging, troubleshooting and test automation micro-services.

AMIKASH | TEAM LEAD & FULL STACK DEVELOPER

Mai 2018 - June 2019 | Montréal, QC, Canada

- Design, develop, deploy and maintain the company public web platform using HTML5 (CSS3, Javascript..), Laravel 4 and MySQL
- Develop the company mobile application using Ionic 4 (Angular 7).

ODOTRACK | TEAM LEAD & FULL STACK DEVELOPER

November 2016 - February 2018 | Laval, QC, Canada

- Migrate the main company's Web Application from Flex to Angular.
- Architect, develop and maintain Angular web application.
- Collaborate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Develop and maintain a new REST API used by frontend applications using Java, Spring, Hibernate and MySQL.

ODOTRACK | FULL STACK DEVELOPER

April 2012 – November 2016 | Tunis, Tunisia

- Architect and develop a GPS tracking and fiscal reporting web application using Flex.
- Develop a GPS tracking mobile application using Sencha Ext JS.
- Develop and maintain REST API and AMF3 API used by frontend applications using Java, Spring, Hibernate and MySQL.
- Cross browser testing, debugging and troubleshooting as and when required.

KIUTE NETWORK | TEAM LEAD & FULL STACK DEVELOPER

July 2011 – May 2012 | Tunis, Tunisia

- Adrchitect and develop an online web to print engine to produce personalized printed products using Flex, Java, Spring, hibernate and MySQL.

2G TECHNOLOGY | FULL STACK DEVELOPER

Jan 2009 – August 2011 | Tunis, Tunisia

- Designing and development a large-scale real-time audio-video conference desktop application (help desk) using Flex, red5, Hibernate, Spring, MySQL.
- Develop a 3D application to customize and purchase kitchen furniture using Flex.

EDUCATION

NATIONAL ENGINEERING DIPLOMA IN COMPUTER SCIENCE

Juin 2016 | Tunis, TUNISIA

PRIVATE HIGHER SCHOOL OF ENGINEERING AND TECHNOLOGY (ESPRIT)

BACHELOR OF COMPUTER SCIENCE

Juin 2010 | Tunis, TUNISIA

High School of Science and Technology of Tunis

CERTIFICATE OF PROFICIENCY ENGLISH FOR PROFESSIONAL COMMUNICATION

July 2023 | Montreal, CANADA

McGill University

SKILLS

PROGRAMMING

Backend:

Java • Spring • Hibernate • Kafka • Dropwizard • Spark • Scala • Node.js • Next.js • PHP • Symfony

Frontend:

Javascript • Typescript • HTML • CSS • Angular • React • Dart • Flutter • Ext JS • Ionic

Database:

MySQL • PostgreSQL • MongoDB • Redis • Cassandra

DevOps:

Terraform • Kubernetes • Docker • Jenkins • ArgoCD • Nexus • Vault • New Relic • Datadog • OpenTelemetry

Others:

Agile (scrum) • Git • AWS • DigitalOcean • VS Code • IntelliJ