Contact Info

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Nadi Bouaziz – Software Engineer
HK Permanent Resident

CERTIFICATIONS

March - 2022: AWS Cloud practitioner

July - 2023: HashiCorp Certified: Terraform Associate (003)

EXPERIENCE

Software Engineer - TekSystems - Lidl - Hong Kong (June 2022)

- Developed a notification service in Typescript / NestJS / Kafka for the supplier and sales representative, with 90% unit test coverage.
- Updated Laravel BackEnd application (PHP) to send messages to Kafka.
- Developed a custom Transporter in NestJS for the Stomp protocol, connected with ActiveMQ.

Environment: ActiveMQ, Bitbucket, Eslint, Docker, Kafka, Laravel, Mongo, NestJS, MySQL, NodeJS, PHP, PHPUnit, Postgresql, Stomp, Swagger UI, Typescript

FullStack Engineer - Decathlon - Hong Kong (August 2019 - June 2022)

- Developed an Android Kiosk app, facilitating customer registration with a streamlined 4-page process.
- Developed a Typescript application using ExpressJS to consolidate supply chain information, with an 80% unit test coverage with Jest.
- Updated the e-commerce platform by modifying Spring framework code (Java 8) to display pickup points like 7 Eleven, SFLocker etc.
- Developed a bash script on a Raspberry Pi to upload CSV files on Google Drive, ensuring crucial store information is updated every 15 minutes.
- Migrated AWS projects to Google Cloud Platform and integrated Cloud Armor.
- Push Docker images to AR (Artifact Registry) via service account with restricted permissions (IAM)
- Implemented Workload Identity Federation, preventing deployment disruptions during team transitions for NPM packages
- Built services through Terraform to provision infrastructure, all are coordinated with GitHub Actions and Terraform Cloud

Environment: Android, Cloud Run, Compute Engine, Docker, EC2, GAR, Github, Github workflow, Grafana, IAM, Java, Jest, Lambda, MySQL, NodeJS, Postgresql, Redis, Splunk, S3, Terraform, Typescript, VPC..

Software Engineer - iTitones - Hong Kong (February 2019 - May 2019)

- Developed a scalable REST API in NodeJS/Express, implementing unit tests with Mocha for robust functionality.
- Implemented Firebase for user authentication, ensuring a secure and user-friendly login experience
- Implemented a CI/CD pipeline to facilitate the deployment of new releases for the mobile application.

Environment : AWS-SDK, Chai, Eslint, Express, Firebase, GitLab, Mocha, MomentJS, MongoDB, Mongoose, MySQL2, Nodemon, NodeJS, GitlabCI

APAC Lead - Caudalie - France & Hong Kong (May 2016 - August 2018)

- Implemented a Store Locator feature on Caudalie.com, integrating Naver MAP for Korea, Baidu Map for China, and Google Maps globally, resulting in enriched user experiences across diverse continents.
- Collaborative project orchestration: cross-functional collaboration between tech, marketing, and design teams, ensuring timely development, compliance with specifications, and the success of global projects with headquarters, USA and France.
- Magento migration: migrated from Magento 1 to Magento 2, revamping modules for a smooth transition and improved functionality on Magento 2 and helped architecturing the cloud infrastructure on AWS + AWS China
- Orchestrated AWS architecture to forecast and handle peak server loads during high-traffic events like China's 11/11, ensuring optimal website performance and customer satisfaction.

Environment : AWS Compute, AWS Networking, AWS Storage, Composer, CSS, Docker, ESLint, Git, Gitlab, Gitlab CI, HTML, JavaScript, Jenkins, Jira, Magento1, Magento2, Magento2 cloud, MySQL, PHP, PostgreSQL, Satis, Slack, Vagrant, PHPUnit

Web Developer - Studentsphere - Canada (April 2014 - November 2015)

- Back End Development with NodeJS of the API REST
- Unit Test Development in TDD with Mocha
- Develop a script to migrate a database from Drupal to our custom DB
- Implement Stripe API for our ticketing platform

Teacher - SUPINFO - Beijing (May 2015 - June 2015)

- Teaching basic PHP class and POO
- Teaching Framework as Symphony 2 and unit test with PHPUnit
- Teaching basic and advanced class on Linux (Server Administration)

Software Developer - Micromed - France (Internship - July 2013 - September 2013)

- Development of a front and back end application (PHP Object Oriented)
- Migrating and improving a Microsoft access database to MySQL solution
- Development of a DDL in VBA for hospitals by parsing a HL7 message to communicate with hospitals

EDUCATION

- **SUPINFO** - The International Institute of Information Technology - 2012-2015
    - M2 - SUPINFO Beijing (2014 - 2015)
    - M1 - SUPINFO - Montréal – Canada (Novembre 2013 - Juin 2014)
    - B3 - SUPINFO – Mâcon – France (2012 - Juin 2013)

- **BTS IG** (Informatique de Gestion) Lycée Carcouët - Nantes – France (2010 - 2012)

LANGUAGES

FRENCH ● ● ● ● ●   ENGLISH ● ● ● ● ○