



Clément Bonal

Back-End Developer

E-mail
cl.bonal@free.fr

Based in
France

Phone
+33.6.47.98.05.82

Languages
Fluent in French,
English and Spanish

Back-End Developer passionate about designing, developing, and maintaining robust, scalable, and secure APIs, with 3 years of experience. Expertise in Node.js and AWS cloud DevOps. Proven ability to work efficiently in Agile teams while meeting deadlines and producing high-quality code.

Compétences

- Back-end: Node.js
Typescript (Express / Nest), serverless, microservices, Kafka
- Cloud: AWS (EC2, Lambda, API Gateway, RDS, SQS, SNS)
- Databases: PostgreSQL, MongoDB, DynamoDB, GraphQL
- Tests: Jest, Cypress
- Deployment: Docker, Terraform, Kubernetes
- CI/CD: Github, Gitlab, Jenkins
- Monitoring: Splunk, Dynatrace
- Tools: VS Code, Postman, JIRA, Confluence

Centres d'intérêts

- Travel: 28 countries visited
- Sport: surf, skydiving, freediving, hiking, fitness, running, enduro bike
- Entrepreneurship : Saas, apps

Expériences professionnelles

PBO Conseil

Software Developer

September 2023 → July 2024

- Independently designed software for unemployment benefit calculations (France Travail) in collaboration with legal teams.
- Developed using TypeScript with Nest.js and Vue 3.
- Integrated AWS services (EC2, RDS, Lambda) and deployed the application on the cloud using Docker containers.

Accor

Back-End Developer

DevOps

July 2022 → August 2023

- Contributed to the technological transition of Accor's website within an Agile team of 6 members.
- Developed serverless APIs in Node.js on Apigee with AWS (Lambda, CloudFront, S3), transitioning the Java backend to the cloud and implementing a microservices architecture.
- Set up automated deployment processes using Jenkins, Terraform, and GitLab.
- Monitored APIs with Splunk and Dynatrace.

Flashback

Back-End Mobile Developer

DevOps Mobile

February 2022 → July 2022

- Designed and developed a mobile application in a team of two developers, covering the entire project lifecycle.
- Developed a serverless backend in Node.js on Firebase.
- Deployed the iOS app via XCode and AppStoreConnect.

Le Vin Du Moment

Full-Stack Developer

September 2021 → February 2022

- Developed an order and delivery tracking application using Vue.js / Express.js, deployed via Docker on AWS EC2 with SNS for SMS notifications.
- Integrated real-time messaging using AWS DynamoDB.

Formations

Master in Engineering

ESTIA Bidart

2018 → 2021

Master of Science in Aerospace Computational Engineering

Cranfield, UK

2020 → 2021