

Wael Bourouaiah

Algiers, Algeria

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SKILLS

Golang, TypeScript, JavaScript, Node.js, PostgreSQL, MongoDB, Redis, AWS, Docker, Jenkins, Terraform, GraphQL, WebSockets, WebRTC, Jest

WORK EXPERIENCE

Ionik

Senior Backend Developer

Feb 2024 - Present

- Built a microservice enabling clients to create custom RAG AI models with dynamic data integration capabilities, allowing automated fetching and updating of system information while retrieving external data based on user-specific parameters
- Implemented WebRTC backend infrastructure to support video chat and co-browsing features
- Developed complete Stripe payment integration with secure webhook handling and transaction processing
- Architected caching strategies using Redis for improved application performance
- Mentored junior developers for best practices in Go, database optimization, and API design

Mid-level Backend Developer

Sep 2022 - Feb 2024

- Developed and maintained the GraphQL and RESTful APIs using Go with PostgreSQL and MongoDB
- Developed Go-based gRPC microservice with protobuf definitions
- Implemented serverless architecture using AWS Lambda and API Gateway
- Designed and implemented comprehensive testing strategy using Go's testing package

Freelance

Software Developer

Jan 2022 - Sep 2022

- Delivered 5+ custom RESTful APIs and database integrations using Node.js with MongoDB and PostgreSQL, consistently meeting project deadlines, translating business requirements into technical solutions, managing the complete development lifecycle from initial consultation to deployment and maintenance
- Implemented secure authentication systems and authorization middleware
- Integrated Strapi CMS with custom API endpoints to support dynamic content management by the clients
- Deployed applications using Docker containers and implemented CI/CD pipelines

EDUCATION

Abdelhamid Mehri Constantine University

