Rachid Bouadi

PROJECTS & CONTRIBUTIONS

Backend, full-stack, frontend and personal website projects. Professional entries describe my contributions, not ownership of complete client products.

LinkedIn | GitHub

Yassir - Driver Account & Driver Experience

Backend · Employer contribution, Yassir

Role: Software Engineer - Backend | Period: 21 July 2026 - Present

Yassir is a technology company offering ride-hailing, delivery and payment services. Within the mobility platform, my backend work supports the driver lifecycle, from onboarding and activation to account and profile management.

- Driver account APIs: Build and maintain APIs and backend services for driver onboarding, account management and profile management using Node.js, NestJS, Express.js and TypeScript.

- Business workflows: Contribute to activation workflows, business rules, and country- and service-specific backend configuration.

- Production delivery & collaboration: Investigate backend issues and monitor production behavior with Datadog. Work with product, mobile, QA and engineering teams through refinement, implementation, testing, code review and releases.

Technology: Node.js, NestJS, Express.js, JavaScript, TypeScript, MongoDB, Redis, Microservices, GCP, Datadog

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INES VTC

Full-stack · Contribution through Aventique

Role: Full-Stack JavaScript Developer | Period: July 2025 - March 2026

INES VTC brings together the workflows behind a ride-hailing service: customers requesting rides, drivers accepting them, and internal teams managing transport operations. My work covered NestJS/PostgreSQL backend features and React back-office dashboards, in collaboration with mobile and product teams through Aventique.

- Backend & operational APIs: Built features for authentication/SMS, customers, drivers, rides, estimates, dispatch, wallets, transactions, promo codes and support/admin workflows.

- React back office: Delivered dashboards and management screens for rides, drivers, customers, credit managers, promotions and notifications.

- Wallet & payment integration: Integrated SATIM wallet recharge, receipt generation and financial operations tooling, working with the mobile and product teams.

Technology: NestJS, React, TypeScript, PostgreSQL, TypeORM, Swagger, Firebase, Nodemailer, React Query, Zustand, Mantine UI, Vite

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FYDNI

Mobile & full-stack · Contribution through Aventique

Role: Mobile / Backoffice Software Engineer | Period: January 2026 - May 2026

FYDNI is an accounting and document-operations platform with mobile and back-office applications. My work covered client-facing React Native flows, React administration features and supporting NestJS endpoints within a cross-functional Agile team.

- Mobile onboarding & account flows: Developed invite-based onboarding, authentication, account management, notification preferences and multilingual settings in React Native.

- Document capture & messaging: Implemented camera, gallery and file-picker uploads, scan-to-PDF and document categorization. Built messaging screens and conversation threads connected to real-time flows.

- Back office & APIs: Delivered React dashboards and features for clients, accountants, packs and settings, with supporting NestJS endpoints and a MySQL/TypeORM data layer.

Technology: React Native, React, TypeScript, NestJS, MySQL, TypeORM, React Query, Zustand, Socket.IO, i18next, Vite, Vitest, Jest

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Odnis

Backend · Contribution through Aventique

Role: Backend Software Engineer | Period: April 2026 - May 2026

Odnis connects patients with nearby pharmacies around prescription uploads, medicine availability and pharmacy selection for in-person pickup. My contribution was the NestJS backend serving patient, pharmacist and administrator interfaces, using PostgreSQL and TypeORM.

- Patient & pharmacy workflows: Implemented OTP authentication, patient profiles, pharmacy onboarding and operations, nearby search, medicine-request broadcasting and pharmacy responses.

- Request-scoped communication: Added messaging associated with medicine requests, alongside file handling and notifications.

- API & delivery foundations: Translated product and UX requirements into contracts, entities, migrations and modules. Added wilaya/commune reference-data seeding, Swagger documentation, structured logging and deployment foundations.

Technology: NestJS, TypeScript, PostgreSQL, TypeORM, Swagger, JWT, OTP / SMS gateways, Brevo, Pino, PM2

Orbit

Full-stack · Employer contribution, Orbit

Role: Software Engineer | Period: July 2024 - October 2024

Orbit's logistics platform supports planning, execution and operational visibility. My work included React interfaces for logistics workflows, Node.js/TypeScript backend functionality and AWS-backed data access within an Agile team.

- Logistics interfaces: Developed React interfaces for logistics and operations workflows.

- Backend & cloud data: Contributed Node.js/TypeScript backend functionality and AWS data access using ElectroDB.

- Cross-functional delivery: Worked on mobile-facing features and participated in product and architecture discussions with the team.

Technology: React, Node.js, TypeScript, AWS, ElectroDB, React Native

Vis ma Vie

Full-stack · Aventique for Korian / Clariane

Role: Full-Stack React / Node.js Developer | Period: December 2022 - June 2023

Vis ma Vie allows healthcare employees to spend a day discovering a colleague's role in another department or facility. The platform included a facility portal and an employee portal, developed within a six-person Agile team.

- Facility & employee portals: Built React interfaces for facilities to publish roles, capacity and time slots, and for employees to register and select a one-day immersion.

- REST backend: Developed Node.js/Express/TypeScript models and APIs with MongoDB, Mongoose, the Repository pattern and Swagger.

- Visibility & delivery: Delivered event-participation dashboards and supported Azure deployment, monitoring and iterative delivery through Azure DevOps and CI/CD.

Technology: React, TypeScript, SCSS / SASS, Node.js, Express.js, MongoDB, Mongoose, REST APIs, Repository Pattern, Swagger, Microsoft Azure, Azure DevOps, CI/CD

CME - Medical Reporting

Backend · Aventique for Korian / Clariane

Role: Backend Node.js Developer | Period: December 2022 - June 2023

CME-Commission Médicale d'Établissement-is a healthcare reporting application for annual reports. The project replaced a manual, document-heavy process for medical staff, with delivery in a six-person Agile team.

- Reporting backend: Developed a Node.js/Express REST backend with MongoDB and Mongoose.

- Independent section saving: Split large reports into independently saved database sections so users could save and resume editing, reducing the risk of losing progress.

- Integration contracts: Implemented GET, POST and PUT endpoints per section and provided Swagger and README documentation for frontend integration.

Technology: Node.js, Express.js, MongoDB, Mongoose, REST APIs, Swagger, Repository Pattern, TypeScript, Microsoft Azure, Azure DevOps, CI/CD

IT Challenge - Cloud Dashboard

Full-stack · IT Challenge

Role: Full-Stack React / Node.js Developer | Period: March 2022 - October 2022

The cloud dashboard brought multi-provider operations into a self-service interface for configuration and visibility. My work spanned design, frontend, backend integration and automated testing within a two-person Agile team.

- Design & frontend: Designed interfaces in Figma and developed the Next.js/TypeScript frontend.

- Backend integrations: Implemented Node.js authentication, data processing and cloud API integrations.

- Testing & delivery: Developed acceptance and end-to-end tests with Cypress, Cucumber and Gherkin, and contributed to Azure DevOps CI/CD pipelines and Azure architecture discussions.

Technology: Next.js, TypeScript, Node.js, Express.js, Figma, Cypress, Cucumber, Gherkin, Microsoft Azure, Azure DevOps, CI/CD

SpeedEx - Delivery Dashboard

Frontend · Maystro Services for SpeedEx

Role: Frontend React Developer | Period: April 2021 - September 2021

The SpeedEx administrative dashboard supported business visibility and operational integrations around a delivery-service launch. I contributed frontend work within a seven-person Agile team.

- Dashboard interfaces: Built React dashboard features from Figma designs to support business and operations visibility.

- Maps integration: Integrated Google Maps API functionality for logistics use cases.

- Iterative product delivery: Worked with backend, mobile, design and leadership colleagues across the delivery cycle, iterating on product improvements.

Technology: React, JavaScript, SCSS / SASS, Google Maps API, GCP, ClickUp, CI/CD, Agile / Scrum

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Maystro Delivery - Internal Tools

Frontend · Employer contribution, Maystro Delivery

Role: Frontend React Developer | Period: September 2021 - March 2022

Maystro's internal applications supported call-center, sales, marketing and delivery operations. I contributed to the interfaces and their ongoing maintenance within a nine-person Agile team.

- Internal dashboards: Developed call-center and administration features using React and React Admin.

- Maintenance & tests: Fixed bugs, refactored code and added test coverage to improve internal dashboards and customer-tracking tools.

- Operational feedback: Worked with operational stakeholders to translate feedback and business needs into product improvements.

Technology: React, React Admin, Next.js, JavaScript, TypeScript, HTML, CSS, SCSS / SASS, Jest, GCP, Git, GitHub, ClickUp, CI/CD

Fromage Jack

Website · Personal project through HanaWerk

Ownership: Personal project

Fromage Jack is a business website I worked on through HanaWerk, my own business. The project is a public example of practical website delivery with lightweight order and contact flows.

- Business website delivery: Built the business website as a personal project through HanaWerk.

- Order & contact flows: Included lightweight paths for visitors to make contact or express an order enquiry.

https://fromagejack.hanawerk.com/

Samia

Website · Personal project through HanaWerk

Ownership: Personal project

I created Samia's website through HanaWerk, my own business. Bloom Family Support presents her work as a Family Support & Child Development Specialist in Houston, Texas: child support, developmental activities, healthy routines and practical assistance for families. The website brings together her services, experience, testimonials, training, languages and contact information.

- Services & professional background: Created a website presenting her family-support services, professional experience, training and family testimonials.

- Multilingual information & contact: Provided English, French and Arabic versions, with direct contact information for families, schools and family-support organizations.

https://samia.hanawerk.com/

Masjidi

Personal initiative · HanaWerk · In progress

Status: In progress | Ownership: Personal initiative

Masjidi is a personal initiative through HanaWerk. The current direction is a free, privacy-respecting utility for the community. It is still in progress, rather than a completed or publicly launched product.

- Personal initiative: Working on Masjidi as part of my own HanaWerk activities.

- Guiding principles: The stated direction is a free community utility that respects user privacy.
