Chahin BOUDRA

Software Engineer | Backend & API Development

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+212 6 79 20 41 99 | Tangier, Morocco | Open to relocate to Casablanca

PROFESSIONAL SUMMARY

Computer Software Engineering graduate (2026) with hands-on experience building REST APIs, backend services and database-backed applications. Developed an OpenAPI compatibility-analysis engine with automated tests and a multi-tenant support platform with secure API access, background jobs and webhooks. Strong JavaScript/TypeScript foundation, Python coursework and interest in reliable security automation. Available for a six-month on-site internship in Casablanca.

TECHNICAL SKILLS

Languages & Fundamentals: TypeScript, JavaScript, Python (coursework), SQL, PHP; OOP, data structures, algorithms
Backend & API Engineering: Node.js, NestJS, Express.js, REST APIs, OpenAPI, JWT/Auth0, webhooks
Data & Async Processing: PostgreSQL, Prisma, Redis, BullMQ, event deduplication, Socket.IO
Testing & DevOps: Jest, Vitest, Playwright, Git, GitHub Actions, Docker, Linux, CI/CD
Security & Web: RBAC, tenant isolation, input validation, React, Next.js, Cloudflare Workers

SELECTED ENGINEERING PROJECTS

APIShift - OpenAPI Compatibility Analyzer | GitHub | Live
TypeScript | OpenAPI 3.0/3.1 | Web Workers | Vitest | Playwright | GitHub Actions
- Built a deterministic OpenAPI comparison engine with strict input validation, explicit uncertainty reporting and stable JSON/Markdown exports; backed by 99 Vitest and 14 Playwright tests in CI.

OpsDesk - Multi-Tenant Support Platform | GitHub
NestJS | REST/OpenAPI | PostgreSQL | Redis/BullMQ | Auth0 | Docker
- Implemented an organization-scoped API with RBAC and verified JWTs, 38 documented REST operations, background email processing, webhook deduplication and integration tests; validated staging workflows.

Project Management Dashboard | GitHub
Next.js | Express.js | PostgreSQL | Prisma | REST APIs
- Developed database-backed task workflows and REST endpoints with interactive project boards, timelines and task management views.

PROFESSIONAL EXPERIENCE

Independent Full-Stack Developer | Self-employed - *Remote* Jul 2023 - Present
- Build and maintain TypeScript/JavaScript applications, REST integrations and database-backed workflows, including authentication, debugging and maintenance.
- Own client delivery from technical requirements through deployment and support; completed OcarTrans engagements in 2024 and 2026 (ocartrans.com).

Full-Stack Web Developer | Top PC Maroc - *Tangier | On-site* Jun 2025 - Sep 2026
- Developed and maintained web-based solutions, improving functionality, performance and user experience.

Full-Stack Web Developer | STE VALUENEXT CONSULTING SARL AU - *Tangier* Jan 2025 - Mar 2025
- Contributed to web application development, feature updates, interface improvements and ongoing maintenance.

Co-founder & Web Developer | Cartelwebs - *Morocco* Mar 2024 - Feb 2025
- Developed PHP/JavaScript and WordPress solutions; handled integrations, deployment and post-launch troubleshooting.

Point-of-Sale Developer Intern | Yastar S.A.R.L. May 2023
- Built VB.NET point-of-sale features supporting sales records, invoices and business workflows.

IT Support Intern | Highers Computing - *15-day placement* May 2021
- Assisted with technical support and Windows Server configuration.

EDUCATION

Bachelor's Degree in Computer Software Engineering Oct 2025 - Jul 2026
SUPMTI - Ecole Superieure de Management de Telecommunication et d'Informatique, Rabat | Graduated 2026

BTS (BAC+2), Developpement des Systemes d'Information Oct 2021 - Jul 2023
Lycee Abi Yacoub Al Badissi, Al Hoceima, Morocco

LANGUAGES

Arabic: Native | English: Fluent | French: Working proficiency