

Baha Eddine Jdidi

Backend Developer | NestJS & TypeScript Specialist

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PROFILE

Software Engineering student passionate about backend development with hands-on experience building scalable APIs and full-stack applications. Specialized in NestJS, TypeScript, and Node.js ecosystem. Eager to contribute to early-stage startups looking for reliable backend developers who can ship quality code quickly. Available for remote work with flexible hours overlapping EU/US time zones.

TECHNICAL SKILLS

Backend: NestJS, Node.js, Express.js, RESTful APIs, TypeScript, JavaScript

Databases: PostgreSQL, MongoDB, TypeORM, InfluxDB (Time-Series)

Frontend: React, Tailwind CSS, HTML/CSS

Tools & DevOps: Git, Docker, Postman, npm, Linux

Languages: Arabic (Native), French (Fluent), English (Fluent)

Soft Skills: Problem-solving, Fast Learner, Self-motivated, Team Collaboration

EDUCATION

•Software Engineering Student

2022 – Present

EPI - International Multidisciplinary School

- Focus on full-stack development, algorithms, and software architecture
- Active participation in coding projects and technical workshops

FEATURED PROJECTS

•Energy Monitoring Platform

NestJS + MongoDB + InfluxDB + React + TypeScript

GitHub

- Built real-time IoT energy monitoring system with device simulation and predictive analytics
- Implemented RESTful APIs for consumption tracking, peak usage analysis, and cost optimization
- Designed time-series data pipeline using InfluxDB for efficient storage of sensor readings
- Created interactive dashboard with React for visualizing energy patterns and generating reports
- **Tech Stack:** NestJS, MongoDB, InfluxDB, React, TypeScript, REST API

•StudyMateAI

NestJS + TypeScript + AI Integration

GitHub

- Developed AI-powered learning platform backend with authentication and user management
- Built scalable API architecture following NestJS best practices and modular design
- Integrated AI features for personalized study recommendations and content generation
- **Tech Stack:** NestJS, TypeScript, PostgreSQL, JWT Authentication, REST API

•GuessWhoLOL - League of Legends Game

JavaScript + Interactive UI

GitHub

- Created interactive game with smooth animations and responsive design (3 GitHub stars)
- Implemented game logic and state management for multiplayer guessing mechanics
- **Tech Stack:** Vanilla JavaScript, HTML5, CSS3, DOM Manipulation

ADDITIONAL PROJECTS

•E-Commerce Clothing Store

HTML + CSS + JavaScript + Bootstrap

GitHub

- Built fully functional e-commerce site with shopping cart, wishlist, and checkout system

•TicTacToe GUI

C Programming + Graphics

GitHub

- Developed classic game with graphical interface demonstrating algorithmic thinking

WORK PREFERENCES

Looking for: Remote backend developer position with early-stage startups

Availability: Part-time (20-30 hrs/week) or Full-time

Rate: \$300-500/month (negotiable based on project scope and commitment)

Start Date: Immediately available

Time Zone: UTC+1 (excellent overlap with European and US East Coast hours)