



# YOUSSEF CHARROUD

FULL-STACK DEVELOPER

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## PROFILE

Full-Stack Developer specializing in React.js / Next.js and Node.js / Laravel, with proven experience in API integration, ERP synchronization, and scalable platform development. MERN Stack certified, I build production-grade applications using TypeScript, collaborate in Agile/Scrum environments with Git-based version control, and adapt quickly to new technical challenges. Passionate about clean architecture and delivering measurable impact, from reducing order errors by 40% to increasing processing efficiency by 35%. Open to high-impact opportunities, both on-site and remote.

## EXPERIENCE

**Full-Stack Developer – Adva Tech Group** April 2026 – Present

- Automated e-commerce order synchronization to Brightpearl ERP, increasing processing efficiency by 35%
- Built robust API connectors via Pimcore and Symfony, ensuring 99.9% data integrity during transfers
- Eliminated manual data entry processes, reducing order errors by 40% and accelerating execution timelines

**Full-Stack Developer – Ark-X Talent Solutions** July 2025 – December 2025

- Architected and developed scalable Full-Stack features using Next.js and TypeScript, following clean code standards
- Implemented secure authentication with Passport.js and integrated third-party RESTful APIs ensuring robust data integrity
- Collaborated in an Agile/Scrum environment with daily standups, code reviews, and version control via GitHub

**Full-Stack Developer (Freelance) – OFPPT ISGI Training Center** March 2025 – June 2025

- Designed and developed a custom schedule management system for groups, instructors, and classrooms using React.js and Laravel
- Built an automatic conflict detection algorithm (rooms/instructors), reducing scheduling errors by 40%
- Optimized MySQL database schema to handle complex multi-entity relationships at scale
- Implemented attendance tracking via check-in system

**Full-Stack Developer – Imperium Solutions** March 2025 – April 2025

- Built a modular event management platform with authentication, real-time notifications, and participant tracking using React.js and Laravel
- Developed an admin dashboard providing real-time visibility into event attendance and participant status
- Designed a reusable component architecture reducing future development time for similar features

## EDUCATION

**Bachelor's Degree in Artificial Intelligence** 2025 – 2026

Hassan II University, Faculty of Sciences Ben M'Sik, Casablanca

**Advanced Technician Diploma in Digital Development** 2023 – 2025

ISGI OFPPT, Casablanca

**Baccalaureate in Physical Sciences** 2019 – 2022

Fatima Zahra High School, Casablanca

## SKILLS

### Technical

- Frontend:** React.js, Next.js, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
- Backend:** Node.js, Express.js, Laravel, PHP, Python
- Databases:** MySQL, MongoDB
- Deployment & DevOps:** Vercel, Netlify, Docker, Git, GitHub
- Tools & Design:** Postman, Figma, Canva, VS Code, Jira, Notion

### Soft Skills

- Agile/Scrum
- Problem Solving
- Autonomy & Fast Learning
- Analytical Thinking
- Organization & Task Planning

## LANGUAGES

French (Intermediate) English (Advanced) Arabic (Native)

## PROJECTS

**Space Reservation Application** – OFPPT Hackathon (Casablanca-Settat)

- Challenge: Built a functional prototype in 48 hours to solve coworking space reservation conflicts
- Solution: Developed an intuitive interface with real-time slot visualization and automatic duplicate cancellation
- Result: Prototype validated by the jury for its smooth UX and optimized database architecture

## CERTIFICATES

**Express.js** – Codecademy Certification

**MERN Stack** – JobInTech / Ark-X Certification

## INTERESTS

Sports · Technology & Innovation · Graphic Design