NAMRI AMINE

Full Stack Web Developer (JAVASCRIPT ~ TYPESCRIPT | REACTJS ~ NEXTJS | NODEJS)

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SUMMARY

Experienced Full Stack Web Developer specializing in JavaScript and TypeScript with expertise in ReactJS, NextJS, NodeJS, and various databases. Skilled in building scalable, performant web applications for enterprise and freelance projects since 2022. Strong background in front-end frameworks, back-end API development, and database management, with a proven track record of delivering quality solutions across precision agriculture, industrial inspection, and web platform development.

RELEVANT SKILLS

Programming Languages:

- JavaScript / TypeScript.

Frontend Development:

- Frameworks: ReactJS, NextJS, jQuery
- UI Libraries: Tailwind CSS, Shadcn UI
- State Management: Zustand, Redux, Context API
- Data Fetching: TanStack Query, Axios, Fetch API

Backend Development:

- Runtime: NodeJS
- Frameworks: ExpressJS,
- Real-time: Socket.IO, WebSockets
- APIs: REST APIs
- Authentication: Auth.js, JWT, Oauth
- File Processing: Multer, ExifTool

PROFESSIONAL EXPERIENCE

DR STONE, Casablanca
July 2022 – Present
<u>Full Stack Developer</u>

- **Dr Turbine App | 2025 (In Development)**

Built an advanced drone-based platform for wind turbine blade inspection using computer vision and machine learning for predictive maintenance optimization.

Key Features & Achievements:

- Implemented AI-driven damage detection system with automatic categorization and trend analysis
- Developed secure image upload workflow with built-in annotation tools for expert validation
- Created side-by-side comparison module for tracking damage progression across inspections
- Built customizable reporting system with asset explorer for comprehensive maintenance planning

Technology Stack: Next.js 15, TypeScript, React 19, Node.js, MySQL, Tailwind CSS, Shadcn UI, ZOD, Zustand, TanStack React Query, Socket.io, Framer Motion, ExifTool

<u>Full Stack Developer</u>

- **FILAHI App**

Developed a comprehensive precision-agriculture platform combining drone intelligence, satellite observation, and AI-powered analytics to empower farmers, cooperatives, and agribusinesses with real-time, actionable insights.

Key Features & Achievements:

- Built browser-based dashboard with interactive mapping and centralized plot management
- Implemented secure drone image upload system with automatic metadata extraction

RELEVANT SKILLS

Databases & ORMs:

- SQL: MySQL, PostgreSQL
- NoSQL: MongoDB, Firebase Firestore
- ORMs: Prisma, Mongoose
- Cloud Databases: Supabase, Firebase

Development Tools & Practices:

- Version Control: Git, GitHub
- Package Managers: npm, pnpm
- Build Tools: Webpack, Vite, Turbopack
- Code Quality: ESLint, Prettier, Biome
- Testing: Jest, React Testing Library
- Development: Cursor, VS Code

Backend Development:

- Runtime: NodeJS
- Frameworks: ExpressJS,
- Real-time: Socket.IO, WebSockets
- APIs: REST APIs
- Authentication: Auth.js, JWT, Oauth

Deployment & Cloud:

- Platforms: Vercel, Netlify, Railway
- Static Hosting: GitHub Pages

Soft Skills:

- Responsive Web Design
- Cross-browser Compatibility
- Performance Optimization
- API Integration
- Agile Development
- Problem Solving

PROFESSIONAL EXPERIENCE

Full Stack Developer

- **FILAHI App | 2023**

Key Features & Achievements:

- Integrated AI crop health detection for diseases, weeds, and pest identification with real-time alerts
- Developed comprehensive reporting system (PDF/CSV/GeoTIFF) with before/after comparison views

Technology Stack: Next.js, TypeScript, Node.js, Django (Python), MySQL, Tailwind CSS, Leaflet.js, Prisma, Auth.js, TanStack Table & Query, Socket.io, React Hook Form, ZOD, Framer Motion, ExifTool

Front-End Developer

- **Wix Drstone website | 2022**

Key Features & Achievements:

- Designed and managed the company's Wix website, embedding custom HTML, CSS, JavaScript, and jQuery code.
- Built an embedded form for users to upload drone images for AI-based agricultural analysis (disease, insects, weeds, yield estimation), and displayed detection results in a dynamic table.
- Integrated API for image upload and returned detection results (disease, insects, weeds, yield estimation).

Technology Stack: Wix Platform, HTML, CSS, JavaScript, jQuery, REST APIs

LANGUAGE

Arabic: Native | English: Advanced