YOUNES DARRASSI

FULL STACK SOFTWARE ENGINEER | WEB DEVELOPER

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Location: FES, Morocco

PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with expertise in developing scalable web applications and microservices. Proficient in modern JavaScript frameworks, PHP frameworks (Laravel, Symfony), and cloud technologies. Demonstrated success in delivering high-performance solutions across e-commerce, AI integration, and enterprise applications. Strong track record of optimizing application performance, implementing best practices, and collaborating effectively in agile environments. Open to remote, hybrid, and onsite opportunities.

TECHNICAL SKILLS

Frontend Development: React.js, Next.js, Angular, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS, Tailwind CSS, Bootstrap 5, Responsive Design, Single Page Applications (SPA), Progressive Web Apps (PWA)

Backend Development: Spring Boot, Spring Security, Spring Data JPA, Node.js, Express.js, Symfony 6, Laravel 9, RESTful APIs, GraphQL, Microservices, API Gateway, OAuth 2.0, JWT Authentication

DevOps & Cloud: Git, GitHub, GitLab, Jenkins, Docker, CI/CD Pipelines, AWS, Azure, Kubernetes, Terraform

Testing & Quality: JUnit, Jest, Jasmine, Mocha, Chai, TDD, BDD, Selenium, Postman, Swagger, API Testing

Databases & Data: MySQL, PostgreSQL, MongoDB, Firebase, Hibernate, Doctrine, Sequelize, Redis, Elasticsearch, ORM, SQL

Project Management: Agile, Scrum, Kanban, JIRA, Confluence, Trello, Asana, Stakeholder Management

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER | AI INTEGRATION SPECIALIST 3D Smart Factory | January 2024 - July 2024 | Mohammedia, Morocco

- Developed and deployed an enterprise-grade Multi-Agent Chatbot system with 40% improved customer engagement
- Engineered scalable backend infrastructure using Python, Flask, and AWS Lambda for serverless computing
- Implemented responsive frontend components with React.js and Material UI, achieving 99% mobile compatibility
- Integrated OpenAI and LangChain technologies for enhanced conversational capabilities
- Established CI/CD pipeline using GitHub Actions, reducing deployment time by 35%
- Collaborated with cross-functional teams using Agile/Scrum methodology in bi-weekly sprints
- Utilized Jest for frontend testing with 90% code coverage

FULL STACK WEB DEVELOPER 3D Smart Factory | July 2023 - September 2023 | Mohammedia, Morocco

- Led development of a 3D visualization web application using Next.js, Three.js, and Express.js
- Implemented real-time data synchronization with Firebase, enabling collaborative editing features
- Designed and optimized RESTful APIs achieving 95% performance improvement in data retrieval operations
- Deployed containerized microservices using Docker and Kubernetes for scalable architecture
- Utilized Agile methodologies to deliver project milestones on time and within budget
- Conducted code reviews and pair programming sessions to maintain code quality standards

SOFTWARE ENGINEER | PHP SPECIALIST FSDM | March 2020 - June 2020 | Fès, Morocco

- Architected and implemented a healthcare management system using Symfony 6 and MySQL
- Created secure RESTful APIs with JWT authentication for protected data exchange
- Designed normalized database schema with optimized query performance using Doctrine ORM
- Implemented automated testing suite using PHPUnit achieving 85% code coverage
- Utilized Git version control with feature branch workflow for collaborative development
- Documented API endpoints with Swagger for improved integration with frontend teams

KEY PROJECTS

E-COMMERCE MARKETPLACE PLATFORM | LARAVEL & MYSQL 2022 | Fès, Morocco

- Developed a multi-vendor e-commerce platform with seller portal functionality using Laravel 9
- Key Features Implemented: Product review system, discount coupon engine, and wishlist management
- Integrated Stripe and PayPal payment gateways with webhook event handling for transaction processing
- Built recommendation algorithm using collaborative filtering, increasing average order value by 25%
- Designed responsive UI/UX for all screen sizes using Bootstrap 5 and custom CSS
- Created comprehensive admin dashboard with sales analytics and business intelligence features
- Implemented role-based access control system with secure authentication and authorization

VOICE-POWERED ASSISTANT APPLICATION | ANDROID & AI 2024 | Fès, Morocco

- Developed native Android application using Kotlin, MVVM architecture, and Jetpack components
- Implemented dual-mode voice recognition system supporting both offline and cloud-based processing
- Leveraged Google Cloud APIs (Speech-to-Text, Translate) with custom LLM integration via LLaMA.cpp
- Achieved 90%+ voice recognition accuracy across multiple languages and regional accents

• Utilized Room database for persistent storage and offline functionality
• Implemented CI/CD pipeline with GitHub Actions for automated testing and deployment

ENTERPRISE BOOKING MANAGEMENT SYSTEM | SPRING BOOT 2023 | Fès, Morocco

• Architected scalable booking and resource management system using Spring Boot microservices
• Implemented Spring Security with OAuth2 for comprehensive authentication and authorization
• Designed RESTful API endpoints following OpenAPI specification for third-party integrations
• Created JPA repositories with MySQL for efficient data management and complex queries
• Utilized Redis for caching frequently accessed data, reducing database load by 40%
• Implemented WebSocket for real-time notifications and updates to improve user experience

INTERACTIVE E-LEARNING PLATFORM | ANGULAR & NODE.JS 2023 | Fès, Morocco

• Developed comprehensive e-learning solution with Angular front-end and Node.js/Express back-end
• Created RESTful API architecture for course management, user progress tracking, and content delivery
• Implemented JWT authentication and role-based access control for students, instructors, and admins
• Designed responsive UI with custom components and Material Design principles
• Built real-time collaboration features using Socket.io for live classroom functionality
• Implemented content caching strategy reducing load times by 60% and improving user experience
• Utilized MongoDB for flexible document storage of course materials and student progress data

EDUCATION & CERTIFICATIONS

COMPUTER ENGINEERING STATE ENGINEER Université Privée de Fès | 2022 - 2024

• Advanced coursework: Distributed Systems, Cloud Architecture, AI & Machine Learning
• Senior project: Developed scalable microservices architecture for healthcare applications

MECHANICAL MANUFACTURING TECHNICIAN ISTA Route Immouzer Fès | 2020 - 2022

• Technical specialization in precision manufacturing and process automation
• Projects focused on optimization algorithms for manufacturing workflows

BACHELOR IN MATHEMATICAL AND COMPUTER SCIENCES Faculté dhar el mahraz | 2016 - 2020

• Core studies: Data Structures, Algorithms, Database Systems, Software Engineering
• Mathematics focus: Linear Algebra, Discrete Mathematics, Statistical Analysis

CERTIFICATIONS

• AWS Certified Developer – Associate
• Oracle Certified Professional, Java SE Developer
• Microsoft Certified: Azure Developer Associate
• Laravel Certified Developer

LANGUAGES & ADDITIONAL SKILLS

• English: Professional working proficiency
• Arabic: Native proficiency
• French: Professional working proficiency
• Technical Writing: Documentation, API specifications, user guides
• Public Speaking: Technical presentations and workshops
• Mentorship: Junior developer training and guidance