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EDUCATION

● Master's Degree — Software Engineering

USTHB — University of Science and Technology Houari Boumediene
2018 – 2020

● Bachelor's Degree — Information Systems and Software Engineering

USTHB — University of Science and Technology Houari Boumediene
2015 – 2018

LANGUAGES

- Arabic — Native
- French — C1 / Advanced
- English — B2 / Upper-Intermediate

BENGRI CHE Riad

Senior Software Engineer | Full-Stack Developer
Software Architect | Technical Project Lead

PROFILE

Software Engineer with a **Master's degree in Software Engineering** and nearly **10 years** of hands-on experience designing, developing, integrating and deploying professional software solutions.

Strong experience across **Web, Mobile and Desktop development**, including **ERP and CRM systems, business platforms, e-commerce solutions, enterprise applications and custom software**.

Strong expertise in the **PC SOFT ecosystem — WinDev, WebDev, WinDev Mobile and HFSQL** — combined with extensive experience in **PHP/Laravel, JavaScript, MySQL, PostgreSQL, REST APIs, WordPress and Windows Server environments**.

Experienced across the full software development lifecycle, from requirements analysis and application architecture to database design, **Front-End** and **Back-End** development, **API integration, testing, deployment, maintenance and user training**.

Experienced in Agile environments, technical leadership, team coordination, client communication and professional training. Comfortable working with international clients and distributed teams.

ADDITIONAL INFORMATION

- Experience with Algerian and international clients.
- Experience working in Agile development teams.
- Technical leadership and team coordination experience.
- Professional IT training and mentoring experience.
- Strong ability to bridge business requirements, software architecture and implementation.
- Available for international Full Remote opportunities.
- Participated in several international hackathons, including competitions where projects received awards and distinctions.

PROFESSIONAL EXPERIENCE

• FOUNDER & MANAGING DIRECTOR / SOFTWARE ENGINEER

INNOVGEEK — ALGERIA | MARCH 2021 – PRESENT

FOUNDER AND TECHNICAL LEADER OF A SOFTWARE DEVELOPMENT AND DIGITAL SOLUTIONS COMPANY DELIVERING CUSTOM WEB, MOBILE AND DESKTOP APPLICATIONS, BUSINESS PLATFORMS, ENTERPRISE SOFTWARE AND PROFESSIONAL TRAINING.

KEY RESPONSIBILITIES:

- LEAD SOFTWARE DEVELOPMENT PROJECTS FROM REQUIREMENTS ANALYSIS TO PRODUCTION.
- DESIGN APPLICATION ARCHITECTURES AND DATABASE STRUCTURES.
- DEVELOP FULL-STACK WEB, MOBILE AND DESKTOP APPLICATIONS.
- DEVELOP AND INTEGRATE REST APIS.
- LEAD AND COORDINATE DEVELOPMENT TEAMS.
- DEFINE TASKS, MONITOR PROGRESS AND VALIDATE DELIVERABLES.
- PERFORM TESTING, DEPLOYMENT AND PRODUCTION SUPPORT.
- DEPLOY APPLICATIONS ON VPS, WINDOWS SERVER AND WEB HOSTING ENVIRONMENTS.
- COMMUNICATE DIRECTLY WITH CLIENTS AND STAKEHOLDERS.
- CONDUCT TECHNICAL ANALYSIS, ESTIMATIONS AND SOLUTION DESIGN.
- DELIVER TECHNICAL AND PROFESSIONAL TRAINING.
- EVALUATE AND INTEGRATE EMERGING AI TECHNOLOGIES INTO SOFTWARE DEVELOPMENT WORKFLOWS.

MAIN TECHNOLOGIES:

WINDEV, WEBDEV, WINDEV MOBILE, HFSQL, LARAVEL, PHP, JAVASCRIPT, REACT, NEXT.JS, NODE.JS/NESTJS, WORDPRESS, MYSQL, POSTGRESQL, REST APIS, GIT/GITHUB, WINDOWS SERVER AND VPS.

SELECTED CLIENTS AND PROJECTS:

MAPFRE ASSURANCE, STELLANTIS ALGERIA, FIAT ALGERIA, CSM TAKSIT, ELECTRAD, TASSHIIL, DIGITECH, CHENIKHAR EXPO, SAF INTERNATIONAL PRODUCT DZ, SOL'S, OUKHTY, OONADI, GINAVI, ARCOH, MAKTABEE, ASEELA, 360 CONSTRUCTION AND OMIT SECURITY, AMONG OTHERS.

- **TECHNICAL PROJECT LEAD / SOFTWARE ENGINEER**

HOTEL & FLIGHT RESERVATION PLATFORM — 2026

TECHNICAL LEAD OF A 5-DEVELOPER TEAM BUILDING A HOTEL AND FLIGHT BOOKING PLATFORM WITH ONLINE PAYMENT AND THIRD-PARTY SUPPLIER INTEGRATIONS.

KEY RESPONSIBILITIES:

- REQUIREMENTS ANALYSIS AND FUNCTIONAL SPECIFICATIONS.
- SOLUTION AND SOFTWARE ARCHITECTURE DESIGN.
- TASK PLANNING AND DEVELOPER ASSIGNMENT.
- DEVELOPMENT TRACKING AND TECHNICAL COORDINATION.
- FEATURE REVIEW, TESTING AND QUALITY VALIDATION.
- STAKEHOLDER COMMUNICATION.
- INTEGRATION OF EXTERNAL TRAVEL APIS INCLUDING WEBBEDS AND AMADEUS.
- COORDINATION OF ONLINE PAYMENT INTEGRATION.
- TECHNICAL OWNERSHIP OF THE OVERALL SOLUTION.

- **IT CONSULTANT & PROFESSIONAL TRAINER**

CAMPUS STRAT@INNOV — 2022 – 2025

PROFESSIONAL TRAINER AND CONSULTANT DELIVERING HIGHER-EDUCATION AND PROFESSIONAL TRAINING PROGRAMS FOR BACHELOR, MASTER AND MBA STUDENTS. TRAINING DELIVERED IN **ALGIERS, PARIS, ALICANTE AND ORAN.**

MAIN AREAS:

- WEB DEVELOPMENT.
- LARAVEL / PHP.
- WEBDEV / PC SOFT TECHNOLOGIES.
- DIGITAL MARKETING.
- SEO.
- DIGITAL TOOLS.
- PROJECT-BASED DEVELOPMENT.

RESPONSIBILITIES:

- DESIGN TRAINING PROGRAMS AND CURRICULA.
- CREATE TECHNICAL AND EDUCATIONAL MATERIALS.
- DELIVER THEORETICAL AND HANDS-ON TRAINING.
- SUPERVISE PRACTICAL PROJECTS.
- ASSESS AND MENTOR LEARNERS.

- **FULL-STACK DEVELOPER / SOFTWARE ENGINEER**

EGC1988 — 2019 – 2021

WORKED ON THE DEVELOPMENT AND EVOLUTION OF A LARGE ERP SYSTEM BUILT FROM SCRATCH FOR MAJOR COMPANIES AND INSTITUTIONS.

WORKED WITHIN AN **8-DEVELOPER AGILE TEAM**, COLLABORATING WITH PROJECT MANAGERS AND CUSTOMERS.

RESPONSIBILITIES:

- SOFTWARE DEVELOPMENT.
- UI DEVELOPMENT.
- TESTING AND QUALITY ASSURANCE.
- DEPLOYMENT.
- USER TRAINING.
- REQUIREMENTS GATHERING DIRECTLY WITH CUSTOMERS.
- ON-SITE CUSTOMER MISSIONS.
- INTEGRATION WITH ELECTRONIC AND INDUSTRIAL EQUIPMENT.

TECHNOLOGIES:

WINDEV, WEBDEV, WINDEV MOBILE, HFSQL, WLANGUAGE, GIT AND GITHUB.

SELECTED CLIENTS/PROJECTS:

COSIDER, BISKRIA CEMENT, FRIGOMEDIT, SIMO DECO, PORT OF ALGIERS, SAÏDA EL MINALE, PUBLIC INSTITUTIONS AND OTHER MAJOR ORGANIZATIONS.

INTEGRATED SYSTEMS INCLUDED:

- TIME ATTENDANCE DEVICES.
- NFC READERS.
- WEIGHBRIDGE SYSTEMS.
- INDUSTRIAL AND BUSINESS HARDWARE.

- **FREELANCE SOFTWARE DEVELOPER**

2018 – 2023

DELIVERED MULTIPLE WEB, MOBILE AND DESKTOP PROJECTS FOR DIFFERENT CLIENTS.

TECHNOLOGIES:

LARAVEL, PHP, JAVASCRIPT, JAVA ANDROID, WINDEV, WINDEV MOBILE, WEBDEV, HFSQL, MYSQL, POSTGRESQL AND WORDPRESS.

- **SOFTWARE DEVELOPER**

THORIYA TRAVEL TOURS — 2017 – 2018

DEVELOPED A CUSTOM TRAVEL AGENCY MANAGEMENT SOFTWARE USING WINDEV. THE SOLUTION HAS BEEN RUNNING IN PRODUCTION SINCE 2018 AND REMAINS OPERATIONAL TODAY. ALSO DEVELOPED A B2B COMMUNICATION PLATFORM FOR SHARING TRAVEL OFFERS BETWEEN TRAVEL AGENCIES.

TECHNOLOGIES:

LARAVEL, PHP, JAVASCRIPT, BLADE, REST APIS, MVC, MIDDLEWARE, MYSQL, SQL, JQUERY, AJAX AND SMTP.

- **SOFTWARE DEVELOPMENT INTERN**

ALGERIA POST — 2018

SIX-MONTH INTERNSHIP FOCUSED ON DEVELOPING AN INTERNAL PROJECT MANAGEMENT PLATFORM.

TECHNOLOGIES:

LARAVEL, PHP, JAVASCRIPT, BLADE, REST APIS, MVC, MIDDLEWARE, MYSQL, SQL, JQUERY AND AJAX.

- **SOFTWARE ENGINEERING INTERN**

CDTA — CENTRE FOR DEVELOPMENT OF ADVANCED TECHNOLOGIES, BABA HASSEN | 2020

WEB-CAD: RETINAL BLOOD VESSEL SEGMENTATION FOR DIABETIC RETINOPATHY ASSESSMENT DEVELOPED A WEB-BASED IMAGE PROCESSING AND SEGMENTATION PLATFORM FOR MEDICAL IMAGE ANALYSIS.

TECHNOLOGIES:

LARAVEL, PHP, JAVASCRIPT, BLADE, REST APIS, MVC, JQUERY, AJAX, POSTGRESQL, SQL AND PYTHON FOR AI/IMAGE PROCESSING

SELECTED PROJECTS

MAPFRE ASSURANCE

DEVELOPED AN ERP USING WEBDEV AND WINDEV MOBILE, TOGETHER WITH MOBILE APPLICATIONS FOR VEHICLE TOWING AND ROADSIDE ASSISTANCE OPERATIONS.

STELLANTIS ALGERIA

DEVELOPED A NATIONAL DEALER ORDER-MANAGEMENT PLATFORM USING WEBDEV, DEPLOYED ON WINDOWS SERVER/VPS INFRASTRUCTURE.

FIAT ALGERIA

DEVELOPED AN ONLINE VEHICLE ORDERING PLATFORM WITH AN ADMINISTRATIVE BACK OFFICE AND SALESFORCE API INTEGRATION USING LARAVEL.

TASSHIIL / DIGITECH / CHENIKHAR EXPO

DEVELOPED EVENT MANAGEMENT PLATFORMS COVERING:

- EXHIBITOR MANAGEMENT.
- VISITOR MANAGEMENT.
- BOOTH MANAGEMENT.
- BADGE GENERATION.
- QR-CODE ACCESS CONTROL.
- MAILING CAMPAIGNS.

TECHNOLOGIES: WEBDEV, HFSQL, WINDOWS SERVER.

CSM TAKSIT

DEVELOPED INTERNAL FINANCING/FACILITY MANAGEMENT SOLUTIONS CONNECTED WITH BANKS, AN E-COMMERCE PLATFORM AND MOBILE MANAGEMENT APPLICATIONS.

SAF INTERNATIONAL PRODUCT DZ

DEVELOPED AN E-COMMERCE PLATFORM, SUBSCRIPTION MANAGEMENT SOLUTION AND MARKETPLACE CONNECTING SELLERS AND BUYERS.

ASEELA

DEVELOPED A TRAVEL MARKETPLACE CONNECTING TRAVEL AGENCIES AND TRAVELERS, INCLUDING ORGANIZED TRAVEL PACKAGES, CIB ONLINE PAYMENTS, A CUSTOMER MOBILE APPLICATION AND AN ADMINISTRATION SYSTEM.

TECHNOLOGIES:

WEBDEV, WINDEV MOBILE, JAVA ANDROID, SWIFT IOS, HFSQL, APIS AND WINDOWS SERVER.

THORIYA TRAITEUR

DEVELOPED THREE MOBILE APPLICATIONS:

- CUSTOMER APPLICATION.
- RESTAURANT APPLICATION.
- DELIVERY APPLICATION.

AND TWO WEB PLATFORMS:

- ADMINISTRATION PLATFORM.
- ORDER MANAGEMENT AND ACCOUNTING TRACKING PLATFORM.

TECHNOLOGIES:

WEBDEV, WINDEV MOBILE, HFSQL AND WINDOWS SERVER.

TECHNICAL SKILLS

BACKEND DEVELOPMENT

PHP, LARAVEL, NODE.JS, NESTJS, PYTHON/DJANGO, C#/.NET

FRONTEND DEVELOPMENT

JAVASCRIPT, REACT, NEXT.JS, BLADE, HTML, CSS, JQUERY, AJAX

PC SOFT

WINDEV, WEBDEV, WINDEV MOBILE, WLLANGUAGE, HFSQL

MOBILE DEVELOPMENT

WINDEV MOBILE, JAVA ANDROID, SWIFT IOS

DATABASES

MYSQL, POSTGRESQL, SQL, HFSQL, SQL SERVER

APIS & INTEGRATIONS

REST APIS, GET/POST, THIRD-PARTY API INTEGRATIONS, SALESFORCE API, WEBBEDS, AMADEUS, ONLINE PAYMENT INTEGRATIONS, SMTP

CMS & E-COMMERCE

WORDPRESS, WOOCOMMERCE, ELEMENTOR, LANDING PAGES, FORMS AND EMAIL INTEGRATIONS

DEPLOYMENT & INFRASTRUCTURE

GIT, GITHUB, CPANEL, VPS, WINDOWS SERVER, APPLICATION DEPLOYMENT AND CONFIGURATION

SOFTWARE ENGINEERING

MVC, MIDDLEWARE, DATABASE DESIGN, APPLICATION ARCHITECTURE, TESTING, INTEGRATION AND MAINTENANCE

PROJECT MANAGEMENT

AGILE, REQUIREMENTS ANALYSIS, TECHNICAL ESTIMATION, PLANNING, TEAM COORDINATION, TASK ALLOCATION, PROJECT TRACKING AND CLIENT COMMUNICATION

AI & DEVELOPER PRODUCTIVITY

PROMPT ENGINEERING, GENERATIVE AI TOOLS, AI CODING ASSISTANTS AND AI-ASSISTED SOFTWARE DEVELOPMENT WORKFLOWS