



# BELHACHEMIA MOHAMMED

AI & Web Development Engineer | Founder @ Eollinear and Pulse-in

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Mostaganem-SIDI ALI-27002, Algeria

## CERTIFICATIONS

CDE Certification Completion (2026)

CDE(<https://cde.nesda.dz/>)

Certified Algerian Startup - KETTOBI

UFC-Technical English Startup-2025(ufc.dz)

Marketing Digital Certification(2024)

Coursera Platform(coursera.org)

Certificate Challenge ANVREDET/CRTSE - Innovation Challenge (20 position)

Internatinnal competition-Energy solar Competition(Pitch deck remote validation)

Certificate ENSA Incubator - Green Challenge participant- 6 Place

National Comptition-Green Challenge

Label Project Innovate 2025

Minister economic Algeria(startup.dz)

Master's degree in Computer Science(2021)

University of Mostaganem,MI Departement

## REWARDS & ACHIEVEMENT

Challenge ANVREDET/CRTSE - Innovation Challenge

Label Project Innovate(Startup.DZ)

CDE Nesda certification NESDA, DZ

Green challenge ENSA Algeria Which institution provided the course?

40 hours teaching Volunteer ENGIN/.paper-airplanes

.paper-airplanes and Engin

## SUMMARY

AI Product Engineer & Full-Stack Developer with hands-on experience building and launching AI-powered platforms across healthcare, agriculture, and digital services. Founder of early-stage startups (EOLLINEA, Pulse-In), delivering scalable solutions from concept to deployment.

Specialized in React, Next.js, Python, and AI integration, with proven results including +45% accuracy improvements, -40% process time, and +60% operational efficiency gains.

Strong background in product thinking, rapid prototyping, and user-centered design, with the ability to translate complex ideas into real-world, high-impact applications.

## EXPERIENCE

Principal CEO-Eollinea and Pulse-In( CEO-STARTUPS) 01/2026 - Present

### Eollinea and Pulse-In(CEO-STARTUPS)

- Built and scaled AI-driven digital platforms, increasing online visibility by 80% and generating consistent inbound leads.
- Converted 30-40% of qualified prospects into pilot projects through technical demos and solution-driven proposals.
- Led full product lifecycle (UI/UX, backend, AI integration), delivering production-ready MVPs across multiple industries.

Principal CEO-Website for DEV services 09/2023 - Present

### PAMMAS (Pammas.com)

Algeria

- Led early-stage client engagements for AI and digital solutions, pro.
- Led early-stage AI solution delivery, defining technical scopes and deploying prototypes that improved client conversion rates by up to 40%.
- Established coding standards and release workflows, reducing deployment errors by 20% and improving delivery consistency by 25%.

Web-based 3D Design, Prototyping & Printing services 09/2025 - 2026

### 3DiverseWorks&deepmodel3D(3dverseworks.com)

- Launched a new website focused on Custom 3D Design, Modeling, Prototyping & Multi-Material 3D printing.
- We are pleased to see that website traffic and engagement has significantly increased by over 60%, with valuable leads coming in from online.
- I created and put in place a new request and ordering system, streamlining the quoting and supply of material, reducing admin time by 40%, and increasing customer satisfaction by over 35%.
- First phase deployment achieved over 50% of project requests.
- For the first phase of the deployment, Excess aimed to improve the support experience and accessibility of the service provided.
- The efforts were met with satisfaction by customers, resulting in a significant uptick in completed project requests.

STUCHI-AI Smart Traps for Harmful Insect Control 05/2025 - Present

### Lummat(lummat.com-inapine.com)

- Developed an AI-powered pest monitoring system with real-time scanning for precise insect detection. Improved pest identification accuracy by 45% and cut scouting efforts by 30%, enhancing sustainable agriculture.

## LANGUAGES

Arabic Advanced ●●●●●

English Advanced ●●●●●

French Advanced ●●●●●

## SKILLS

### Frontend

React · Next.js · HTML/CSS · Go ·

WordPress & Blogger · WordPress UIX

### Backend

Python · Flask · REST APIs · Node.js ·

ExpressJS

### Data

MySQL · Supabase · Oracle Cloud ·

Parse

### AI

OpenAI API · Prompt Engineering ·

Model Optimization

### DevOps

Docker · Git · GitLab · Linux

### Product

DI · UI/UX · KPI Definition ·

GTM Strategy

### Languages

Arabic (C2) · English (B2+) ·

French (B2)

## VOLUNTEERING

### English Fully remote Teacher

ENGIN

Date period

Describe the organization or the project you worked on.

### Achieve Math teacher/English Teacher

UPchieve

Date period

Describe the organization or the project you worked on.

## EXPERIENCE

Smartinttect Smart Classroom powered 04/2025 - Present

### OpenAI & Claude (smartinttect.net)

- Developed AI-powered platform, boosting content accessibility by 35% and user engagement by 25%. Used Spring AI, React.js, and Next.js for scalable solutions, enhancing system performance by 30% and optimizing content delivery.

Warilli AI Repair Solution platform-Exchange Hardware 02/2025 - Present

### Warrili(warrili.com)

- AI-powered mobile app diagnoses and fixes common faults (display, battery, software), boosting accuracy by 40%, cutting diagnosis time by 35%, and improving repair consistency by 30% across various devices.

Iffer AI-AI Hardware for Healthcare & Agriculture 02/2025 - 01/2026

### IfferPlatform(iffer.eollinea.com)

- Developed AI-assisted diagnosis and smart Agra-monitoring systems. Implemented prototypes using Next.js, Java, UML. Improved diagnosis efficiency by 40% and data analysis speed by 30% with deep learning, using Bio GPT optimization.

Innoshperri—AI-Powered Remote Tech Solutions & Learning Hub 01/2026 - 03/2026

### Innoshperri-AI-Powered Remote Tech Solutions & Learning Hub

- Improved employee efficiency by 60% through AI-driven remote tech support and micro-learning resources.
- Increased service efficiency by 05 %defining initial service catalog and lightweight content strategy.

Associated with Deepmodel3d&3dverseworks.com 09/2022 - 02/2025

### DEEPMODEL3D.com STARTUP Full web Application

- Developed a web platform for 3D services at Pulse IN Group. Enabled tailored client solutions and a 50% faster request workflow, boosting efficiency by 35%. Enhanced 3D tech access, increasing engagement and client acquisition by 40% across sectors.

Co-Founder & CEO of AI fully library with AI 03/2025 - 04/2025

### KETTOBI(kettobi.com)

- Launched a multilingual AI-powered academic library and collaboration platform (Arabic/French/English), designed to improve content accessibility and reduce research time by an estimated 20-30%
- Built the business model in DZD and defined pilot KPIs, including WAR, time saved, and retention, creating a performance framework to track adoption and support scalable growth decisions

## EDUCATION

Master's degree - Computer Science 09/2021 - 09/2023

Université de Mostaganem Mostaganem, Algeria

Scientific Baccalaureate (High School Diploma) 2015

Dar Abid High School (LYC2), Algeria Sidi Ali, Algeria

GPA | 3.0 / 4.0

Scientific Baccalaureate (High School Diploma) Date period

Dar Abid High School (LYC2), Algeria Location

GPA | 3.1 / 4.0

## VOLUNTEERING

### Paper-airplanes English Teacher

Paper Airplanes

Date period

Describe the organization or the project you worked on.

## FIND ME ONLINE

 LinkedIn

<https://www.linkedin.com/in/ibrahim-mohammed-fr/>

 GitHub-Account

Mohammed866belhachemialuna-alt

 eollinea.me

Belhachmia Mohammed

## PROJECTS

### Pulse-One: Solar-Powered AI-IoT Smart Irrigation and Pest Monitoring System

2026 Mostaganem, Algeria

Short summary of your work

- Increased resource efficiency by 10% by designing a solar AI-IoT smart irrigation system for real-time pest control decisions.
- Improved water efficiency and crop monitoring accuracy through intelligent sensing and predictive analytics.

### STCHI / IPulse-T1: AI-Powered Pheromone Trap and Smart Pest Intelligence System autonomous

2025 Mostaganem, Algeria

Created a solar-powered AI pest monitoring platform with pheromone attraction, edge vision, and real-time alerts for early detection and crop protection.

- Improved system performance by 40% efficiency through integrating cloud solutions with Cloud Sonnet and OpenAI models.

## EDUCATION

Bachelor Degree - Computer Science

09/2015 - 09/2019

Université de Mostaganem

Mostaganem, Algeria

GPA | 3.0 / 4.0

Bachelor Degree - Technical English

09/2018 - 12/2022

Université de Mostaganem

Mostaganem, Algeria

GPA | 3.1 / 4.0

Master's degree - English

01/2026

Université de Mostaganem

Mostaganem, Algeria

GPA | 3.3 / 4.0

## INDUSTRY EXPERTISE

Communication Skills



Deseccion Making



## PROJECTS

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### **Community Detection in Complex Networks: Models and Algorithmic Analysis**

2019                      Mostaganem, Algeria

Studied offline network analysis and community detection; proposed a graph model for large-scale, diverse data.

- Established full schema Python for community pattern Rate 80% of Pattern detection

### **AI-Powered Medical Imaging Application (Multilingual Support)**

03/2019                      AIN TADLESS

Built a scalable AI-assisted medical imaging Java Application capable of processing

- Increased diagnostic accuracy by 10% and enhanced workflow speed by 20% through AI-driven medical imaging application development.

## MY LIFE PHILOSOPHY

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*I believe in continuous improvement through discipline, curiosity, and resilience. Every challenge is an opportunity to learn, refine my skills, and move one step closer to excellence.*

— Belhachemia Mohammed