

HOUSSEM EDDINE RABAH

Software Engineering | High Performance Computing

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PROFESSIONAL EXPERIENCE

OBERMIND London, United Kingdom

08/2025 - Now

Frontend Web Developer (Next.js)

- Developed more than 5 high-quality websites for trading and similar industries
- API integrations
- Optimized existing projects for SEO

THE WATCH MEISTER Dubai, United Arab Emirates

01/2025 - 08/2025

Mobile App Developer (Flutter)

- Develop a full car rental app from scratch, adhering to high standards and passing rigorous quality checks for both iOS and Android.
- Develop a fast, high-accuracy ID/Document AI scanner solution implemented in a Flutter app.

Backend Developer (Nest.js)

- Build the complete backend infrastructure for the mobile app.

AI Developer

- Solo build AI API for tiktok shorts education video generator
- Solo build Cards Game based on AI Game Master

DIVERGE Dubai, United Arab Emirates

04/2023 - 12/2025

Manager

- Responsible for organizing and planning tasks for all development teams, ensuring efficient workflow and alignment with project timelines and goals.
- Actively involved in documenting processes, coding standards, and project specifics

Mobile Team Leader

- Lead mobile development team of 4 members on coordinated project milestones and task allocation on Github.
- Resolved complex AR, AI, and 3D challenges and delivered 100% Pixel Perfect UI products.
- Work on 3 Mobile apps from zero

Backend Developer (Nest.js)

- Developed full backend APIs using NestJS and Postgres that can handle 100k daily users.
- Optimize node.js backend performance leading to a 30% increase in APIs performance.
- Manage and SDK integration of AWS, EC2, S3, RDS, Firebase Crashanalytics and 2 VPS hosts.

MACLAT Blida, Algeria

01/2021 - 06/2023

Mobile App Developer (Flutter)

- Developed 2 Flutter apps for food delivery and designed full UI/UX design of +30 screens.
- Developed Full backend on Firebase with a 98% cost reduction, thanks to optimal schema and cloud functions.

FullStack Web Developer (Next.js/Node.js)

- Launched 2 responsive websites using Next.js and Firebase with 40% better SEO.

Chief Technology Officer

- Realized company branding, pitching and winning 2 B2B partners, slides and documentations.
- Established Startup with DESIGN thinking phases and managed IT team of 5 member

MICRO CLUB Algiers, Algeria

09/2020 - 09/2021

Mobile Team Leader

- manage the IT team of 9 members for developing 2 Flutter apps, 1 Next.js website, 1 event.

FREELANCE Worldwide

01/2018 - 02/2021

Flutter Developer | FullStack Web Developer

- Visit my portfolio to explore a showcase of my diverse +10 projects : <https://houssemrabah.online>

EDUCATION

UNIVERSITY OF SCIENCE AND TECHNOLOGY — HOUARI BOUMEDIENE

Algiers, Algeria

MASTER of Science • High Performance Computing

Thesis in: *Prediction of Skin Cancer Using Deep Learning Model on a Distributed System*

Bachelor of Science • Computer Science

Thesis in: *Conception and Development of Mobile App to Manage University Inventory Using QR Codes*

SKILLS

- **Mobile** : Flutter, BLoC, Clean Architecture, Payment Gateway, REST API, Flavor, Mockito, Publishing on Google & Apple Store.
- **Database** : Schema design, SQL, NoSQL, Postgres, Prisma ORM, Redis, Firestore optimized, Google Cloud, Supabase.
- **Backend** : Nest.js (Node.js), Python Flask, Docker, gRPC, Swagger
- **UI/UX** : Figma UI/UX, User Flow Chart
- **Web** : Next.js, Redux, Three.js, HTML, CSS, TailwindCSS, Javascript, Typescript
- **Desktop**: C#, PyQt, JavaFX, Flutter For Desktop
- **DevOps** : Setup and management of VPS, SMTP, AWS, EC2, S3, SSH
- **Big Data**: Clusters, Distributed systems, Clouds, OpenStack, Hadoop, Spark, Hive, Flume, Sqoop
- **Languages**: English (Upper Intermediate), French (Upper Intermediate), Arabic (Native)
- **Soft Skill** :
 - o Clean code | good practices
 - o Problem-Solving methodology
 - o Conceptualization | UML
 - o Business Model | SWOT | Pitch
 - o Product Manage
 - o Agile | CRM | Notion