

Salhi Ayoub Abdelmoumen

MERN & mobile Developer

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PROFESSIONAL PROFILE

Dedicated backend developer with a passion for building efficient, scalable systems and innovative digital solutions. Experienced in developing real-time applications, and full-stack projects. Active member of VEDCETS developer team, committed to delivering creative and impactful technology solutions. Proven track record in hackathon environments and collaborative development projects.

PROFESSIONAL EXPERIENCE

Backend Developer | Devs4Devs Hackathon

Batna, Algeria | May 2025

- Architected and developed AI-powered email automation agents to streamline repetitive business processes
- Successfully integrated backend services with machine learning models for intelligent task optimization
- Collaborated with cross-functional teams to deliver end-to-end automation solutions

Backend Developer | DevFest Hackathon

Constantine, Algeria | December 2024

- Designed and implemented comprehensive backend architecture for car insurance sector digitalization
- Eliminated manual workflow bottlenecks, resulting in improved client application efficiency
- Developed RESTful APIs and database schemas for insurance management systems

Backend Developer | IOT Labs Web Platform

2nd year first Cycle completion Engineering Project | University AbdelHamid Mehri Constantine 2 | 2024-2025

- Developed comprehensive Lab Room module featuring real-time microcontroller data streaming and integrated coding environments
- Implemented real-time meeting systems and interactive dashboards for enhanced student-teacher collaboration
- Coordinated with a 6-member development team to ensure seamless feature integration and project delivery
- Utilized WebSocket technology for live data transmission and real-time user interactions

TECHNICAL SKILLS

Programming Languages

Java, C, JavaScript, TypeScript

Frameworks & Libraries

Express.js, React.js, React Native, Node.js

Development Tools

Socket.io, LangChain.js, Peer.js, Expo, VS Code, Git

Databases & Storage

MySQL, MongoDB, Firebase

Specialized Technologies

Real-time Systems, AI Model Integration, IoT Data Processing, RESTful APIs

SOFT SKILLS

Team Collaboration:	Proven ability to work effectively in diverse, cross-functional teams	Problem-Solving:	Strong analytical thinking and creative approach to technical challenges
Communication:	Excellent verbal and written communication skills across multiple languages	Adaptability:	Quick learner who thrives in fast-paced, evolving technology environments
Time Management:	Efficient project delivery under tight deadlines, demonstrated through hackathon success		

LANGUAGES

Arabic Native Proficiency	French Fluent	English Fluent
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EDUCATION

Baccalaureate in Mathematics 2023

State Engineer in Computer Science

University AbdelHamid Mehri Constantine 2 | October 2023 - Present

Specialization: Computer Security

ADDITIONAL INTERESTS & PROFESSIONAL MEMBERSHIPS

Creative Development: Game Development, 3D Modeling

Club Activities: Co-Leader and active Member of the Scientific Club NextechSquad

Professional Development: Active participation in developer communities and hackathons

VEDCETS: Contributing member of developer collective focused on delivering innovative digital solutions