

Lachi Mohamed Amine

Full Stack Web Developer

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Summary

Backend developer with expertise in scalable systems, API development, and microservices. Proficient in Express, Prisma, PostgreSQL, and RabbitMQ. Passionate about problem-solving, security, and building impactful solutions.

Education

Higher School of Computer Science, Sidi Bel Abbès (ESI-SBA) Sept 2023 – Present
Computer Science Student

Xiamen University Malaysia (XMUM) Sept 2025 – Future
Bachelor in Artificial Intelligence

Experience

Kleer Infini May 2025 – Sept 2025
Backend Developer Intern

- Built scalable backend systems using Express, PostgreSQL, and RabbitMQ
- Implemented real-time service integration and API optimization
- Collaborated on microservices architecture for improved fault tolerance

GDSC, GDG, ELEC Club, Klinker 2023 – 2024
Organizer, Facilitator, and Team Lead

- Led budgeting and sponsorship as GDSC Vice Leader; co-organized technical workshops
- Facilitated backend development sessions and mentored students
- Contributed to event planning and outreach initiatives

Hackathons and CTFs 2023 – Ongoing
Participant and Team Member

- Active in CTF competitions (Inghack, AlphaCTF) focusing on web exploitation and forensics
- Achieved 4th and 5th place in DevFest Batna 2024 and Engineer Hackathon 2024/2025

Projects

Roadside Assistance Platform (*Kotlin, Express.js, RabbitMQ, Next.js*) Jan – Mar 2025

- Developed backend and admin dashboard with real-time notifications using RabbitMQ
- Integrated backend with Kotlin mobile apps for service providers and clients
- Implemented authentication and scalable system architecture

Gestion de Pédiatrie Backend (*Express.js, PostgreSQL, REST API*) 2024

- Designed backend system for pediatric patient data management
- Implemented secure RESTful APIs with authentication and role-based permissions
- Optimized database queries for performance and data integrity

Skills

Languages: TypeScript, JavaScript, Python, SQL, Java

Backend: Express.js, Prisma ORM, Passport.js, REST APIs

Databases: PostgreSQL, MySQL, SQLite, MongoDB

DevOps: Docker, RabbitMQ, Git, Linux Shell

Architecture: Microservices, CI/CD, Authentication, **HTTPSSecurity:** Penetration Testing, Vulnerability Assessment

Certifications

The Complete 2024 Web Development Bootcamp Aug 2024
Udemy – Dr. Angela Yu (61.5 hours)

- Full-stack development: HTML, CSS, JavaScript, Node.js, Express, MongoDB, React

Bug Bounty Hunting & Web Security Testing from Scratch Mar 2024
Udemy – Zaid Sabih, zSecurity

- Acquired knowledge in ethical hacking, web vulnerabilities, and penetration testing.
- Practiced exploitation of common web security flaws via labs and challenges.