

AMINE AKACHA

Junior Software Engineer

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SUMMARY

Versatile Software Engineer with expertise in **HTML, CSS, JavaScript, React.js, and Node.js**, complemented by experience in building **scalable APIs** and implementing **CI/CD pipelines on cloud computing (Lambda, API Gateway, EC2, S3, Eb..etc)**. Skilled in **Agile practices, Git, Linux, responsive design**, and **automated testing**. Passionate about delivering secure, maintainable, and user-friendly web solutions, **willing and able to learn** new Technologies very quickly to contribute to impactful projects.

EXPERIENCE

Freelance Web Developer

Self-employed | France, Toulouse(31) | January 2021 - Present

- Designed and developed **high-performance** web applications and **RESTful APIs** and **DevOps**
- Wrote **efficient and secure code** following best practices to ensure **long-term maintainability and performance**
- **Researched emerging technologies** and presented them for review, improving the scalability and maintainability of projects by **up to 100%**.
- Worked collaboratively with testers to **identify and resolve design and functionality defects**.

SKILLS

- **Frontend:** HTML, CSS, React, Redux, JavaScript (ES6+), Tailwind CSS, jQuery, D3.js
- **Backend:** Express.js, Node.js, Django, Python, API-Gateway, Lambda Functions, PyTorch, NLP
- **Databases:** MongoDB, PostgreSQL, SQLite, Mongoose, DynamoDB
- **Testing:** Jest, Mocha, Chai, Jasmine
- **Tools & Technologies:** Version Control, Git, GitHub, Docker, REST APIs, WebSockets
- **Other:** Agile Development, RESTful Design, Docker, Linux, AWS, CI/CD, Bash, Jenkins, EC2, S3

PROJECTS

E-Commerce Website (Docker, Jenkins, React, Redux, NodeJs, Mongoose, JWT, AWS, Tailwind)

- Developed a **fully functional e-commerce platform** with user authentication, real-time cart updates, and payment integration.
- Developed and deployed a **CI/CD pipeline** with **Jenkins** and **Docker** on **AWS**.

Real-Time Chat App (Socket.IO, Passport.js, MongoDB, Node.js, PUG, Bootstrap)

- Built a real-time messaging app with user **authentication and session management**.
- Implemented unit and **integration tests** using **Jest** and **Chai** to ensure system reliability

Jeopardy Fighter (Canva.js, OOP, AI, Vanilla CSS)

- Created a browser-based **AI game** with custom animations and quiz-based power-ups.
- Leveraged **object-oriented programming** for scalable and modular game logic.

EDUCATION:

2020 - 2023 | Universite de Toulouse III France

Bachelor's in Mathematics and Scientific Computing | Toulouse(31), France

CERTIFICATIONS:

AWS Cloud Practitioner **Self-Taught and certified Software Developer**

Machine Learning (PyTorch) and Ai integration (Ongoing)