# Ahmed Ben Chakhter

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## SKILLS

**Languages & Libraries:** JavaScript, TypeScript, Node.js, HTML/CSS, SASS, Angular, React, Next.js, Express, SQL, Jest.
**Platforms & Practices:** AWS, Firebase, MongoDB, Git/GitHub, CI/CD, Agile.

## EXPERIENCE

**CloudLink**                                                                                                                                  **Remote**
*Full Stack Software Engineer Intern*                                                                        *Jan, 2024 - Jun, 2024*

- Designed and implemented a gallery feature that empowered users to use predefined images in their posts, enhancing content creation ease and engagement. Utilized **by over 50%** of the user base.
- Collaborated with designers to deliver pixel-perfect, responsive designs using customized **Next.js components** and **Tailwind CSS** classes, enhancing website responsiveness and improving mobile user experience.
- Developed new **Express APIs** and modified front-end logic and UI to implement partial loading across multiple sections of the website, improving speed **by over 30%**.
- Contributed to weekly technical discussions, leading to documentation creation, **AWS services** improvements, and updates to microservices architecture or Node.js APIs, achieving cost savings and performance optimization.
- *Next.js, Express, Amazon S3, Dynamoose, GitHub Actions, Jira* | Project Link.

*AWS and Full Stack Software Engineer Trainee*                                                      *Oct, 2023 - Jan, 2024*

- Participated in a hands-on training program on **AWS** and React, building multiple workshops with AWS services like IAM, EC2, S3, API Gateway, and Lambda, helping me earn my **AWS certification**.
- Developed **React**-based applications using AWS services in the backend, gaining real-world experience in React development, cloud integration, and service utilization.
- Led several sessions for **over 10 new colleagues**, explaining the architecture, integration, and implementation of applications with AWS services, addressing technical questions, and accelerating the team's learning curve.
- *React, AWS IAM, EC2, Lambda, Cognito, CI/CD, Git/GitHub.*

## PROJECTS

**Note It Now**                                                                                                              **Morocco, Tetouan**
*Full Stack Software Engineer*                                                                                    *Sep, 2023 - Oct, 2023*

- Built a task manager app featuring secure authentication and authorization system using **Express APIs**, **JWT**, session handling, and a fully responsive design optimized for all devices.
- Achieved **over 90% test coverage** on the backend with **Jest** and Supertest, ensuring high code reliability.
- Enhanced the user experience by leveraging **RxJS** and customizing interfaces to indicate ongoing processes and prevent redundant actions, supported by a well-tested, **robust security system** on the backend APIs.
- *Angular, TypeScript, Tailwind, Express, Jest, Supertest, MongoDB* | Project Link.

## COURSES AND CERTIFICATIONS

**AWS Certified Cloud Practitioner**                                                                        **Amazon Web Services**
*Link*                                                                                                                                        *Dec, 2024*

- EC2, **S3**, VPC, CloudFront, ELB & ASG, AWS Databases, **Lambda**, AWS CAF.

**JavaScript Algorithms and Data Structures Masterclass**                                                      **Udemy**
*Link*                                                                                                                                        *Nov, 2024*

- Big O, Recursion, Searching algorithms, Sorting algorithms, **Built +10 Data Structures**, OOP, **+100 problems.**

**Angular 4: Beginner to Pro & The Complete Node.js Course**                                  **Code with Mosh**
*Link* – *Link*                                                                                                                *Mar, 2023 - Aug, 2023*

- **Angular**, RxJS, Firebase, Bootstrap, Testing, **OOP** | Node.js, NPM, RESTful APIs, Express, Testing, **TDD**, MongoDB.

## EDUCATION

**Specialized Technician Diploma in Computer Networks**                                         **Morocco, Tetouan**
*Institute specialized in offshoring professions*                                                              *July, 2022*

- Network Protocols in-depth (HTTP, DNS, etc), Operating Systems Administration (Win, Linux), Cisco Packet Tracer.