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 a 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 Demo | 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.