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Summary

As a Senior Software Engineer with over 6 years of dedicated experience, I specialize in transforming ambitious visions into cutting-edge and innovative Mobile Applications and robust FullStack Solutions. My journey has been marked by significant contributions to diverse sectors, including Healthcare, Travel, and Education, in collaboration with remote, international, and cross-functional teams.

Key Highlights:

- Spearheaded pivotal roles in projects for renowned organizations and startups such as FluentU, CareXS, and LyfShort.
- Demonstrated mastery in React Native and Expo with TypeScript, accumulating 5 years of hands-on expertise.
- Adept at integrating AI, Cloud, and Third-Party platforms to create seamless, high-performance applications.
- Led projects with an agile mindset, employing Kanban and Scrum methodologies to ensure efficient development cycles.
- Proficient in automation and CI/CD workflows for streamlined and error-free deployment processes.

Commitment to Excellence:

- My commitment extends beyond functionality to deliver elegant and tailored solutions. Every application is meticulously crafted for scalability, ensuring enduring success. Quality is not just a promise—it's a guarantee.

Let's collaborate and bring your extraordinary ideas to life with precision engineering and a touch of innovation.

Experience



Senior Software Engineer • App Developer | Mobile & Web Consultant

Upwork

Dec 2021 - Present (2 years 3 months)

Role/Responsibilities:

- Specializing in Mobile App and Frontend/FullStack Development with a focus on React Native, Expo, React.js, Next.js, and Node.js.
- Offering comprehensive software solutions tailored to client needs.

Impact:

- Achieved Top Rated Plus status on Upwork with a 100% job success score.
- Generated nearly \$200k in revenue within the last 2 years, ranking among the top 3% of freelancers on Upwork.
- Successfully delivered projects with a consistent record of 5-star reviews and positive client feedback.

Awards and Achievements:

- Landed significant projects, including roles at FluentU and LyfShot, through Upwork, showcasing a track record of securing high-profile opportunities on the platform.

Tech Stack:

- Focused expertise in Mobile App Development using React Native, Expo with TypeScript.
- Experienced Frontend/FullStack Development with React.js, Next.js, and Node.js.
- Expertise in AI, Cloud, and Third-party platform integration.
- Proficient in Automation and CI/CD workflows



Senior React Native Mobile & FullStack Engineer | Tech Lead

FluentU

Jan 2022 - Present (2 years 2 months)

Role/Responsibilities:

- Pivotal role in shaping the innovative Parrot Language Learning App at FluentU.
- Collaborated closely with the CEO and UI/UX designer to architect and develop the app.
- Utilized React Native/Expo for mobile, React.js, Strapi.js, Node.js, and PostgreSQL for Web Admin/Backend.
- Implemented cutting-edge AI services, including ChatGPT-4 for interactive storytelling lessons, Replicate and MedJourney for image generation, Google Speech API for speech-to-text, Elevenlabs for text-to-speech, and DeepL Translator for content translation.

Impact:

- Introduced a refreshing approach to language learning through interactive, dialogue-based stories.
- Worked with the CEO to bring the Parrot app to life, covering languages such as English, Spanish, French, German, Mandarin Chinese, Russian, Japanese, Korean, and more.
- Alan P, FluentU's Founder, expressed satisfaction: "Mohamed is a very talented and reliable developer - we are lucky to work with him. He is very thoughtful and thorough and someone who will think of the bigger picture. He is also pleasant to work with and a great communicator. Thank you, Mohamed!"

Awards and Achievements:

- Successfully led the development of the Parrot Language Learning App, introducing an innovative approach to language learning through interactive stories.
- Recognized for outstanding contributions, with the success of the Parrot app prompting the decision to integrate its groundbreaking features into the main FluentU app. The positive reception from users has generated excitement for the enhanced language learning experience.

Tech Stack:

React Native, Expo, TypeScript, JavaScript, React.js, Strapi.js, Node.js, OpenAI APIs ChatGPT-4, Replicate/MedJourney, Google Speech API, Elevenlabs APIs, DeepL Translator APIs, AWS, Heroku, PostgreSQL, Xcode, Objective-C, TestFlight, Expo EAS, Git/GitHub, Asana, Slab.



Senior React Native Frontend Engineer

Lyfshort

Dec 2021 - Nov 2023 (2 years)

Role/Responsibilities:

- Led end-to-end development of a comprehensive trip and organizer app, managing iOS, Android, and Web platforms.
- Actively engaged in cross-functional collaboration, providing insightful demos for effective communication.

- Managed the publication process for AppStore and PlayStore, ensuring compliance and seamless updates.
- Diagnosed and resolved bugs, prioritizing user experience optimization.

Impact:

- Spearheaded the implementation of a messaging center and group messaging functionality, enhancing user engagement.
- Successfully upgraded React Native, Expo, and dependencies, contributing to the app's competitiveness.
- Received client commendation for strengths in React Native development, effective communication, and reliability.
- Implemented user-centric features, leading to heightened satisfaction among travel agencies and customers.
- Contributed to a more stable version of the app, enabling the company to focus on building a marketplace platform. This initiative monetized app features and provided customers with the option to sell their travel itineraries.

Awards & Achievements:

- Recognized by Steven, LyfShort's Founder, for outstanding contributions to project development.
- Successfully implemented user-centric features, leading to heightened satisfaction among travel agencies and customers.
- Contributed to a more stable version of the app, enabling the company to focus on building a marketplace platform. This initiative monetized app features and provided customers with the option to sell their travel itineraries.

Tech Stack:

React Native, Expo, React Native Web, TypeScript, JavaScript, Redux, Jest, RestAPI, Firebase, Bitbucket, Xcode, Jira, Slack, VSCode



React Native Mobile Engineer

The Surgical Company - Connected Care

Dec 2018 - Mar 2022 (3 years 4 months)

Role/Responsibilities:

- Played a pivotal role in crafting high-performance healthcare mobile applications for iOS and Android in The Netherlands.
- Coordinated with cross-functional teams in a dynamic mobile team, overseeing architecture and development.
- Developed pixel-perfect, seamless UIs for iOS and Android platforms, optimizing user experiences.
- Diagnosed and resolved bugs and performance bottlenecks, ensuring top-notch product quality.
- Enforced the implementation of common patterns and best practices (TDD, MVP, SOLID, State Management).
- Managed end-to-end app publishing on AppStore and PlayStore.

Impact:

- Successfully contributed to healthcare applications in The Netherlands, including Meddy and Ally.
- Actively participated in the Scrum process, leading task refinements, planning, and estimation.
- Led the mobile team by providing guidelines, conducting code reviews, and facilitating pair programming sessions.

Awards & Achievements:

- Recognized for consistently delivering top-notch solutions in the healthcare domain.
- Increased adoption of CareXS apps among healthcare organizations, resulting in a substantial revenue boost.
- Received positive feedback from happy customers, particularly Nurses, showcasing high user satisfaction.
- Demonstrated a growing demand for feature development, highlighting the impact on user engagement and product evolution.

Tech Stack:

React Native, React, TypeScript, JavaScript, Redux, RxJS, TDD/Jest, Detox, GraphQL, RestAPI, GIT, GitHub, CI/TeamCity, Fastlane, AppCenter, Jira, Slack, WebStorm



Software Engineer Consultant

Hatchways

Jun 2021 - Oct 2021 (5 months)

Role/Responsibilities:

- Played a vital role in fostering an inclusive hiring process by monitoring and reviewing coding assessments for entry-level software engineers.
- Provided constructive feedback to help candidates stand out to potential employers.

Impact:

- Contributed to the enhancement of the hiring process, ensuring a more inclusive and supportive environment for entry-level software engineers.
- Facilitated the development of candidates by providing targeted feedback, helping them improve their skills and increase their chances of success in job applications.

Awards & Achievements:

- Acknowledged for promoting diversity and inclusion within the hiring process.
- Received positive feedback from candidates for valuable insights provided during coding assessments.

Tech Stack:

React, TypeScript, JavaScript, Python, HTML/CSS, Git/GitHub, and Slack.

Full-Stack Software Engineer

FD Solutions

Sep 2018 - Nov 2018 (3 months)

Role/Responsibilities:

- Worked remotely, serving as a Full Stack Developer for USA clients.
- Successfully delivered features and tasks for the e-learning platform in collaboration with a CISCO team.

Impact:

- Contributed to the successful delivery of tailored web and mobile solutions for USA clients.

- Collaborated with a CISCO team to build and enhance their e-learning platform.

Awards & Achievements:

- Recognized for remote collaboration excellence and successful feature delivery.

Tech Stack:

React, Redux, JavaScript, HTML/CSS, Laravel/PHP, MySQL, Git/GitHub, Jira, and VSCode.

Full-Stack JavaScript Engineer

FMJ Technology

Feb 2018 - Jul 2018 (6 months)

Role/Responsibilities:

- Played a pivotal role in developing a comprehensive social network tailored for artists and their fans on both mobile and web platforms.
- Led the analysis, design, and technical proposal phases.
- Implemented an administration platform for seamless management.
- Developed online help and support modules for user assistance.
- Engineered a real-time media sharing module based on WebRTC, allowing users to share audio, video, screen contents, and various data forms in real-time.

Impact:

- Contributed to the development of a comprehensive social network for artists, enhancing their connection with fans.
- Utilized cutting-edge technologies such as image processing, machine learning, and 3D graphics programming to provide interactive UIs for artistic creation.

Awards & Achievements:

- Received recognition for exceptional leadership during the analysis, design, and technical proposal phases of the social network project.
- Commended for outstanding contributions to the development of the administration platform, online help, and support modules, and real-time media sharing module, providing solutions that led to high artist satisfaction.

Tech Stack:

Angular, Meteor.js, TypeScript, JavaScript, HTML/CSS, Chart.js, Node.js, Socket.io, WebRTC, Chrome API, MongoDB, Git/GitLab, Trello, VSCode, Ubuntu Server.

Education



Faculty of Science and Technology Tangier

Master's degree in Sciences and Technologies, Computer Engineering and Decision Support Systems

2016 - 2018



Faculty of Science and Technology Tangier

Bachelor's degree in Sciences and Technologies, Computer Science
2013 - 2016

Licenses & Certifications



Front End Developer Nanodegree - Udacity

<https://graduation.udacity.com/confirm/R2TUNURJ>

Skills

React Native • TypeScript • JavaScript • React.js • Node.js • Test-Driven Development • Cross-platform Development • Mobile Application Development • Full-Stack Development • Continuous Integration (CI)