DANIEL DUQUE

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Profile

With over 15 years of experience in the software development industry, I've held roles like Engineering Manager, Tech Lead, and Full-Stack Engineer in high-growth startups. I have ample experience leading high-performing teams and working with front-end solutions like React, Vite, Next and React Native; back-end solutions like FastAPI, Node, Express; APIs using REST and GraphQL; and in cloud platforms like AWS (Lambda, DynamoDB, Amplify).

I am an AI adoption advocate that cares greatly for design, accessibility and responsiveness, have extensive independent freelancing and contracting experience with multiple projects delivered successfully, and hold certifications as a Professional Scrum Master and Scrum Developer.

Skills

JavaScript	Typescript	React	Next
Node	React Native	Vite	Python
FastAPI	AWS	REST	GraphQL

Work Experience

03/2025 – present
Boston, United States

Tech lead
Topsort
- As Technical Leader for the Retailer Experience team, I oversee a team of 5 engineers focused on developing and enhancing Topsort's client-facing dashboard.
- Advocated for and drove the adoption of AI tools across developer teams; implemented AI-driven solutions to streamline existing workflows, including automating PR reviews using Gemini and GitHub Copilot, and customizing Cursor development environments to align with project needs.
- Designed and rolled out a new production deployment strategy alongside updates to CI/CD workflows, improving release reliability and speed.
- Led architecture and development of frontend and backend private APIs that served the client-facing dashboard.

04/2024 – 03/2025
Chicago, United States

Senior Engineer
Huge Inc
- As a Senior Engineer in the Experience Technology team, I was specialized in front-end development using Typescript and Javascript technologies like React, React Native, and Next
- Made major contributions to projects for clients like Nagase, Atlantic Health Systems, FNBO, Stericycle, and Novick

11/2023 – 04/2024
San Francisco, United States

Senior Software Engineer
Magic, Inc - Y Combinator W15
- As a Senior Engineer in the Labs team, I was a major contributor in the development of innovative AI-based products for task automation
- Implemented a phone call automation vertical enabling real-time, AI-driven voice calls that use retrieval-augmented generation (RAG) to enhance conversations with internal knowledge, allowing natural, context-aware dialogues with third parties for scheduling services and appointments.

11/2021 – 11/2023
Chicago, United States

Engineering Manager
Hero Digital
- As an Engineering Manager, I collaborated closely with architects, designers, and business analysts

Work Experience

to ensure our proposed system architecture was scalable, accessible, robust and met client needs
- Provided precise project planning estimates for development initiatives
- Mentored junior team members by sharing knowledge, offering feedback, and providing hands-on learning opportunities to foster their professional growth and long-term success
- As a Senior member of the Experience Technology team, I was specialized in front-end development using Typescript and Javascript technologies like React, React Native, and Next
- Engineered dynamic web applications primarily on AEM and Optimizely CMS platforms
- Made major contributions to projects for large clients like Aramark, Masonite, LPGA, and Medtronic

05/2020 – 11/2021
Barcelona, Spain

Senior Developer
niikiis
- Led a project to design a mobile application with AI-powered face detection capabilities using TensorFlow for intuitive attendance tracking
- Mentored junior team members to impart best practices and insights into the niikiis tech stack, fostering a culture of continuous learning and growth
- Led the development of crucial front-end components using React for the niikiis platform, enhancing functionalities such as the home page, social feed, dynamic chatrooms, analytics engine, and document management
- Enhanced application accessibility and WCAG compliance to improve user experience
- Optimized application responsiveness for mobile devices to provide a seamless experience across different platforms
- Developed API endpoints and AWS lambda functions using Node to support evolving front-end requirements

01/2018 – 05/2019
Panama City, Panama

Technical Co-Founder
HispanoRemesas

11/2016 – 01/2018
Panama City, Panama

Technical Co-Founder
Club Prepago Celular

02/2010 – 03/2017
Panama City, Panama

Product Manager
Moviles de Panama

06/2008 – 05/2010
Panama City, Panama

Technical Co-Founder
Panamaps

08/2005 – 04/2008
Valencia, Venezuela

Technical Co-Founder
LogistiCA

07/2002 – 08/2005
Valencia, Venezuela

IT Manager
Preactiva 414

Education

Valencia, Venezuela

Information Engineering
UNITEC

Barcelona, Spain

Web Development
Ironhack

Certificates

06/2022

Professional Scrum Master I

05/2022

Professional Scrum Developer I