

ALEJANDRA DUQUE

Engineering Management & Technical Leadership

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SUMMARY

Engineering leader with 14+ years in software development, combining hands-on technical depth with remote team management, coaching, and end-to-end product delivery. Currently manages seven developers; previously led two cross-functional teams totaling 12 engineers. Delivered an in-house platform eliminating more than \$100K in annual licensing costs, reduced post-deployment bug reports by over 60%, and improved team delivery efficiency by 20%. Connects architecture, people development, and execution to business priorities

TECHNICAL SKILLS

Languages and frameworks: TypeScript, JavaScript, Node.js, React, Next.js, Angular.

Architecture and data: System design, REST APIs, microservices, SQL, PostgreSQL, Redis, Prisma ORM, third-party integrations.

Delivery and cloud: CI/CD, AWS, Google Cloud, GitHub, Atlassian, OAuth 2.0, Auth0.

AI-assisted engineering: Generative AI, Codex, Claude Code, Cursor; AI-based delivery visibility.

EXPERIENCE

Senior Software Developer (Technical Lead)

Vivacity Tech PBC

📅 09/2023 - Present 📍 Remote

- Manage seven software developers, supporting delivery, technical decisions, and individual growth in a remote environment
- Direct delivery from requirements and architecture planning through implementation, testing, and deployment, keeping execution aligned with business priorities
- Directed the design and development of Dream, an in-house platform replacing more than \$100K in annual NetSuite licensing costs and improving control over core business processes
- Established engineering standards and code reviews that reduced post-deployment bug reports by over 60%
- Built an AI-based delivery command center connecting roadmaps, risks, deadlines, GitHub pull requests, deployment flows, and Atlassian metrics to centralize delivery health

Senior Software Developer (Technical Lead)

Bunny Studio

📅 12/2020 - 01/2023 📍 Remote

- Managed two cross-functional teams totaling 12 engineers; improved delivery efficiency by 20% through stronger planning, execution, and coordination
- Aligned technical execution with business goals and stakeholder needs, maintaining client satisfaction above 95%
- Reviewed requirements, identified delivery gaps, and guided architecture, implementation, code reviews, and coaching across core marketplace services
- Helped lead the automated fulfillment flow, contributing to architecture, BPMN modeling, project management, and code reviews

Senior Full Stack Engineer

Bunny Studio

📅 10/2020 - 12/2020 📍 Remote

- Built core platform features for Voice Bunny, Writing Bunny, and Translation Bunny, supporting services freelancers used to deliver customer work. Iterated on requirements within an Agile development process

Full Stack Engineer

Bunny Studio

📅 01/2019 - 06/2020 📍 Remote

- Implemented core marketplace features using JavaScript/TypeScript, Node.js, Angular, SQL, and a broader full-stack toolset

EXPERIENCE (CONTINUED)

Senior Technician

Endava

📅 11/2017 - 01/2019 📍 Medellin, Colombia

- Developed Angular front-end solutions for multinational clients and a custom application for an auction house

Software Engineer

Advice Interactive Group

📅 11/2016 - 09/2017 📍 McKinney, TX

- Built web applications and backend data integrations for SEO reporting, and developed an automated mobile application generator with Angular and Firebase

EDUCATION

Computer Science

Unilasallista

ENGINEERING MANAGEMENT

Engineering management | Remote team leadership | Coaching and mentoring | Delegation | Stakeholder alignment | Delivery planning | Risk visibility | Software architecture | Engineering standards | Agile / Scrum

LANGUAGES

English: Proficient | Spanish: Native

TRAINING / COURSES

Agile Models and SCRUM | Unilasallista | January - February 2016

COMMUNITY LEADERSHIP

JSConf Colombia: Director, 2023 conference.

NodeConf Colombia: Co-organizer. SheCodes Angular: Co-organizer.

LEADERSHIP RECOMMENDATIONS

"She is highly committed to developing others through frequent check-ins, coaching, delegation, and constructive feedback."

Maika Hoekman | People Operations and Recruitment Coordinator at Koinly

"As a Tech Lead, she helped train several engineers and successfully delivered key product features."

Julian Correa | Executive Director Engineering at Ruedata