

JULIAN DIAZ

SOFTWARE DEVELOPER

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WORK EXPERIENCE

Konnektaro	Berlin, Germany
<i>Software Developer</i>	2025.05 – present
<ul style="list-style-type: none">Developed a mobile-first progressive web app for real-time learning sessions using React, Next.js, and TypeScript.Implemented Firebase Authentication (Google and anonymous login) with secure token handling across frontend and backend.Introduced a microfrontend-style architecture to separate core app areas (sessions, auth, analytics) for independent deployment and maintenance.Built RESTful APIs with Node.js and Express, managing complex user interactions, event-based sessions, and partner pairing logic.Designed and integrated modular UI using Tailwind CSS optimized for mobile experience and reusability.Structured and maintained a MongoDB database ensuring scalable and efficient data access.Integrated a self-hosted speech-to-text service using OpenAI Whisper, exposing it through a custom AI API for real-time and cost-free transcription within learning sessions.Set up CI/CD pipelines (GitHub Actions + Docker) for automated testing, build, and deployment to cloud environments.	
EduEnvire	Copenhagen, Denmark (Remote)
<i>Founding Engineer Technical Advisor</i>	2024.03 – 2024.12
<ul style="list-style-type: none">Led the design of a check-in system allowing students to register attendance while giving teachers real-time insights into device usage.Collaborated with backend engineers to define app architecture and data mapping strategies.Developed frontend for both web and mobile apps using React TS and React Native (Expo).Implemented CI/CD pipelines for the frontend, ensuring smooth alpha testing phases.Mentored founders on technical aspects of starting their business.	
Iomoto	Berlin, Germany
<i>Frontend Engineer</i>	2020.05 – 2023.12
<ul style="list-style-type: none">Project: B2C Automotive Sales App (Flutter, Dart)<ul style="list-style-type: none">Built EV simulation tools to compare costs, charging, and mileage with fossil-fueled vehicles.Created the Garage feature synced with commuter habits and developed login flow with focus on accessibility/security.Conducted unit testing for Flutter and contributed to main app maintenance.Project: B2B Truck Fueling & Fleet Management Tool (React, Azure)<ul style="list-style-type: none">Developed platform using React (JavaScript), HTML, CSS with authentication via Azure AD B2C.Ensured fleet management for 5000+ vehicles and delivered white-label solution with CI/CD pipelines.Implemented automated tests (Jest, Cypress) and maintained codebase in GitLab under Agile practices.	

WORK EXPERIENCE

The Key Technology <i>Frontend Engineer, Intern</i>	Germany
Virtual Media Network <i>Multimedia Designer</i>	Colombia
Avantel <i>Multimedia Designer, Intern</i>	Colombia

EDUCATION

Leeds Beckett University <i>M.Sc. in Creative Technologies</i>	Leeds, UK
• Thesis: AR-AI Navigation in Indoor Spaces. Developed a navigation system with C#, JavaScript, and the Unity engine.	2017 – 2019
Universidad Militar <i>B.Eng. in Multimedia Engineering</i>	Bogota, Colombia 2012 – 2017

SKILLS

Languages & Frameworks: React, Flutter, JavaScript, TypeScript, Dart, HTML, CSS, C#, ActionScript

Tools & Platforms: MongoDB, Node.js, Express, Firebase, Azure DevOps, Git, CI/CD, Figma, Notion, Jira

Design & Multimedia: Illustrator, Photoshop, Adobe After Effects, Adobe Animate, Unity

ABILITIES

Stakeholder Management, Clean Code Practices, Attention to Detail
Creative Thinking, Fast Learning, Project Management
Problem Solving, Mentoring and Teaching

LANGUAGES

Spanish (Native), English (C2), German (B1)