

# JULIAN DIAZ

## SOFTWARE DEVELOPER

(+49) 176 34650070  
judadi1994@gmail.com  
<https://juliandiaz.web.app>  
<https://github.com/J Julian-Diaz01>

### WORK EXPERIENCE

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

## WORK EXPERIENCE

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

## EDUCATION

<b>Leeds Beckett University</b> <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
<b>Universidad Militar</b> <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)