

Nicolas Rodriguez Cuellar

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SUMMARY

A passionate developer that enjoys problem solving and creating practical, valuable solutions. Skilled in TypeScript and committed to building high-quality applications. My diverse interests and adaptability allow me to excel in dynamic environments, and I am especially motivated by roles that offer autonomy and foster a culture of trust and responsibility.

EXPERIENCE

Full Stack Developer

Thesio, De Bilt

September 2023 – Current

- Developing and maintaining full-stack applications across diverse tech stacks (including React/Node.js, Vue/NestJS) within multiple agile scrum teams, successfully delivering projects under strict time and budget constraints while prioritizing client needs.
- **Key Projects:**
 - **Healthcare Shift Management Dashboard:** Developed a completely new module (React/Node.js) of a critical shift management tool for an award-winning AI healthcare startup; delivered the project with a small team well before the expected timeline, achieving high client satisfaction and adoption by major healthcare institutions.
 - **Mobile Telecom Application:** Developed a mobile application (Nuxt/Vue and Capacitor) for a major Dutch telecom provider, allowing user access to bundle usage, invoices, and contract details; collaborated within a three-person team on front-end and back-end components, successfully deploying to production App Stores.
 - **Self-Ordering Solution:** Developed key components for an all-in-one self-ordering system (React) for stationary kiosks and online ordering, used in one of the largest stadiums in the Netherlands, streamlining the ordering experience for thousands of event attendees.

Lead Full Stack Developer

Incorium, Utrecht

September 2022 – September 2023

- Co-founded and led the technical development of a dating application startup for a graduation project, managing the product lifecycle from concept to deployment using React, Nestjs and hosted on fly.io .
- Conducted user interviews and usability testing, analyzing feedback to iterate on UX/UI designs, notably improving the profile creation and matching flow.
- Implemented full-stack features, including user authentication, profile management, ensuring seamless backend-frontend integration.

Full Stack Developer

CERN, Geneva, Switzerland

September 2021 – August 2022

- Contributed to CERN open source repository software as part of the CDS team by developing and maintaining features for the large-scale Invenio/Invenio-RDM repository framework (Python, Flask, React, Elasticsearch).
- Collaborated effectively within a diverse and international team of experienced developers and engaged directly with stakeholders in experiments and departments to gather requirements for new features in an open-source environment.
- Authored technical RFCs (Request for Comments) to propose and outline new system functionalities, ensuring alignment with project goals and facilitating technical discussions.
- Implemented key features and enhancements for Invenio-RDM's communities module.
- Resolved bugs and improved functionality for the Invenio-ILS (Integrated Library System), enhancing the user experience for researchers and librarians worldwide based on community feedback.

Frontend Developer (Internship)

HP2 Consulting, Utrecht

September 2020 – July 2021

- Developed a customer-facing dashboard (React, Chart.js) for food waste startup Orbisk, visualizing food waste metrics collected from devices in commercial kitchens.
- Transformed an initial proof-of-concept into a fully-featured product through proactive development and iteration, exceeding initial project scope and leading to planned production rollout.
- Collaborated closely with designers and back-end developers to define requirements and deliver a user-friendly data visualization tool.
- Achieved project recognition via a feature in Hogeschool Utrecht's "HU Stories" highlighting the product's innovation and team success.

EDUCATION

BSc in Applied Computer Science

September 2019 – January 2024

University of Applied Sciences Utrecht, Netherlands

LANGUAGE PROFICIENCY

Language	Proficiency Level
Dutch	C2 (Native)
English	C1 (Advanced)
Spanish	B1 (Intermediate)

SKILLS

Programming Languages: TypeScript (4 yrs), JavaScript (5 yrs), Python (3 yrs)

Frameworks & Libraries: React / React Native (4 yrs), Node.js (3 yrs), Vue.js (2 yrs), NestJS (1 yr), Angular (1 yr), GraphQL (1 yr), Flask (1 yr)

Web Technologies: HTML5 (5 yrs), CSS3 (5 yrs), Tailwind CSS (1 yr), REST APIs

Databases: PostgreSQL (2 yrs), Firebase (1 yr), MySQL (1 yr)

Tools & Infrastructure: Git / Git Flow (5 yrs), Docker (2 yrs), Kubernetes (1 yr), Terraform (1 yr), NGINX (1 yr)

Cloud & CI/CD: AWS (1 yr), GitLab CI (1 yr), Azure DevOps (1 yr)

Methodologies & Concepts: Agile/Scrum, Full-stack Development, State Management (Redux/Context API/Vuex), UI/UX Design Principles, Open Source Contribution, Test-Driven Development (TDD) principles