

Diego Tuesta

Front-end Developer

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About

Frontend Developer with hands-on experience in React and Next.js, specializing in building scalable, performant user interfaces with TypeScript and Tailwind CSS. Led a team to deliver a student wellbeing platform now in production at PUCP, working within a micro frontend architecture and Agile workflows. Experienced with testing, component design, and solving real-world problems through intuitive UI/UX.

Experience

Chatbot Team Lead — Bienestar Ciencias Platform (PUCP)

bienestappciencias.inf.pucp.edu.pe/

- Led a team of 4 developers within a 16-person project to build an AI-powered chatbot module for PUCP's student wellbeing platform, which was deployed to production and remains in active use
- Owned the full chatbot scope: React frontend, Django backend, AI integration, and web scraping pipeline to feed the knowledge base
- Collaborated within a micro frontend architecture, delivering an independently deployable module integrated into the main platform
- Worked directly with a faculty stakeholder through bi-weekly Agile sprint reviews, iterating on requirements and delivering functional software each cycle

Featured Project

Task Management App

taskboard-app-bay-five.vercel.app/

React Next.js Tailwind Node.js PostgreSQL Jest

- Built a full-stack task management app with Next.js App Router, PostgreSQL, NextAuth.js, and multi-user support; achieved 95+ Lighthouse score
- Implemented 80%+ test coverage with Jest and React Testing Library across auth, CRUD operations, and critical user flows

Personal Portfolio

diegotuesta.site/

React Next.js Tailwind Typescript

- Achieved 95+ Lighthouse score with static generation (SSG) and Core Web Vitals optimization (CLS < 0.1)
- Deployed on Vercel with CI/CD pipeline for automatic preview deployments

✦ see all of my projects on my portfolio: diegotuesta.site/projects

Skills & Tools

Underline indicators Frequently Used Occasionally

Technical Skills

Frontend React Next.js TypeScript JavaScript (ES6+) Zustand
TanStack Query Accessibility / WCAG HTML5 CSS / SCSS

UI & Design Tailwind CSS Material UI Figma

Backend & Data Node.js PostgreSQL

Testing Jest React Testing Library

Tools Git VS Code Vercel

Education

Pontifical Catholic University of Peru — Informatics Engineer

 Mar 2016- Dec 2021