Juan Gonzalez Scanlan

Portfolio: juanscanlan.github.io

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Experience

HOUSING ANYWHERE   Rotterdam, Netherlands
Frontend Software Engineer   December 2021 – Present

Technical experience:
- Migrating the Kamernet.nl site from legacy .NET code to Next.JS frontend.
  - Recreated a single page in NextJS as a POC and presented it to management.
  - After approval, with two other developers, we constructed the technical requirements for the migration.
  - The front end was built from the ground up inside the repository of the parent company. This was to allow us to use shared libraries and integrate the project into its CI/CD pipeline.
  - We slowly migrate web pages from the old site to the new one with Nginx load balancing.
  - This is an ongoing project that requires a lot of coordination with other departments and is in constant innovation.

Team contribution:
- Ran the technical interview process for new FrontEnd hires.
  - Created a short technical assignment for prospects to complete during the interview.
  - If the prospect had difficulty or got stuck, I provided guidance and clarified when needed.
  - All interview findings were later discussed with upper management. Hired two developers from this.

- Implemented Spotify's engineering-team health check system into our company, for all 9 engineering teams.
  - Uncovered many company-wide issues that were not taken seriously enough.
  - For example, bad communication with stakeholders, inefficient product-development processes, and poor planning for large projects.
  - Due to its great success at uncovering issues, we will do the same for management and above.

Culture value added:
- Organised company-wide tournaments for recreation activities like Chess, and 8-Ball Pool.
- In the works for having a Bob Ross painting session.

THE LANGUAGE PROJECT (personal project)   Amsterdam, Netherlands
Full-stack Software Engineer   March 2023 – Present
- Developing a language-learning platform that allows you to:
  - Learn vocabulary through a Spaced-Repetition system.
  - Speak to an Ai using only audio. The Ai replies using only the vocabulary you have learnt so far.
  - Read Ai-generated short stories composed of your vocabulary so far.
- Developed the backend (MongoDB) and Frontend (Next.JS) myself.
- Conducted early user interviews to discover people's learning preferences, pain points, and why other existing solutions were not working for them. I discovered that most people prefer learning through consuming media and speaking the language as soon and often as possible.
- The Ai uses OpenAi and DeepMind APIs.
- The site and demo can be seen at languageproject.vercel.app

FREELANCE WEB DEVELOPER   Cozumel, Mexico
Websites for small businesses   November 2020 – November 2021
- Worked alongside small business owners to create a website for their business.
- Designed prototypes that matched their needs and built them once they agreed on the final design.

Education

BRISTOL UNIVERSITY **Bristol**, **England**
Bachelors in Mechanical Engineering, 2:1 2020
Thesis in Fluid Mechanics

Skills & Interests

Technical: NextJs, TypeScript, Jest, NodeJs, MongoDB, Python, ASP.NET, Jest, Playwright, Storybook
Language: English (native) and Spanish (native). Learning Dutch.
Interests: Chess, powerlifting, story building, travelling.