Finbar Giusti

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EDUCATION

Sandford Park School | Leaving Certificate (Equivalent to A-Levels)   Sep. 2019 - Jun. 2021
- Mathematics (H1), Applied Maths (H1), Spanish (H1), Italian (H1), Chemistry (H2)

WORK EXPERIENCE

Soshel.Events LTD   Feb. 2022 - Present
CTO, Co-Founder
- Developing a progressive web app for students and student societies to organise and ticket events.
- Backend built using Firebase, designed relevant data structures and authorisation rules to optimise performance and scalability.
- Frontend designed with React, with focus on client-side performance and to minimise requests to the backend server.
- Designed the User Interface and User Experience using Figma (similar to sketch) and Figma prototyping.
- Experience in pitching to investors and client relations.

Zalando   2017
Software Engineering Intern
- Used tools like Sketch, for component design
- Wrote unit and component tests for react using Jest.

Self-Employed Contractor   2016 - Present
Software Engineering contractor
Clients:
- **DIGI systems**
  - Built a robust REST Server with Express.js for changing digital labels in the local network.
  - Built a mobile app in React Native to interact with the rest server from anywhere in the world.
- **Castlepole**
  - Developed and built company website using Nuxt.js that is build statically and can be automatically deployed onto Amazon Web Services when content is updated.
  - Designed website and company logo using Figma.
  - Uses content pre-loading to improve loading speeds when switching between pages.
- **Adverbage**
  - Designed and wrote website using parcel bundler, HTML and CSS.

PERSONAL PROJECTS

Drawtogether
Javascript
- Allows you to draw pictures on a canvas with your friends, in real time, over the internet.
- Uses connect to host the digital canvases, and frontend is build in HTML, CSS, and Js with Parcel bundler.
- **Github: github.com/finbargiusti/drawtogether**

Snype
Javascript (Express, Parcel), HTML, CSS, WebGL (Three.js)
- Real-time quake-style shooter written in JS, and runs in the browser.
- Fully integrated efficient backend server for responsive multiplayer.
- Real time projectile simulation and hit detection.
- **Github: github.com/finbargiusti/snype**

SKILLS & INTERESTS

- Proficient TypeScript, JavaScript, React.JS, Angular, Vue.JS, Next.js, Nuxt, Python.
- Open source contributor on Github (@q)
- Fluent in English, Italian and Spanish.
- Coder Dojo Mentor 2014-Present
- Weightlifting, Swimming

ACHIEVEMENTS

- BT Young Scientist Technology 2nd place
- All Ireland Programming Olympiad (AIPO) 3rd place