Joe Tonelli

Software Engineer

(845)-242-0456
joe.d.tonelli@gmail.com
linkedIn.com/in/joetoenails
github.com/joetoenails

TECHNICAL SKILLS

- **Proficiencies:** Javascript, Node.js, Express, PostgreSQL, Google Firebase, Sequelize, React, Redux, HTML, CSS, Git, Socket.io, RESTful APIs
- **Knowledgeable:** Python, Passport, SQL, React Native, Oauth, Heroku, Webpack, Material UI, WebRTC, Wordpress, Google Cloud Platform
- **Some Experience:** Three.js, Typescript, Travis, Linux, Jira, Google Analytics

PROJECTS

Two Plus | two-plus.web.app

A live pair-programming tool for developers that includes discussion threads, live chat, & content tagging. Built with Google Firebase, Ace Editor, and React.

- Implented live, collaborative code editing, persisting user code in database
- Created multi-level, NoSQL, real-time database using Google Firestore
- Built out tags, user followers/following, and content upvoting systems

BuyRealArt | buyrealart.herokuapp.com

A demo eCommerce site built on the NERD stack. It persists user login, uses a RESTful API system, and includes all the features of a standard CRUD app.

- Integrated Google Oauth login capability using Passport and GCP
- Custom API middleware validated credentials and protected API access
- Schema implements many-to-many relationships and data lifecycle methods
- Redux used for intelligent state management and async data fetches

Scavenger Hunting | github.com/joetoenails/scavenger-hunt

A machine-learning scavenger hunt that has users race to find random objects in their home. Built using Tensorflow.js, socket.io, and WebRTC.

- Made use of RTC Peer Connection to enable live video chat
- Websockets maintained game state between players
- React hooks & references helped pipe peer video sources appropriately

EXPERIENCE

National Events Coordinator, Lagunitas Brewing Company

August 2019 - January 2021

- Led implementation of agile methods including KanBan management system,hosted training sessions, and built out project-tracking processes
- Supervised scheduling, training, and management of 12 part-time staff
- Allocated annual budget of $250,000, projecting key marketing spends

Operations Lead + Social Director, Digg

March 2014 - July 2017

- Led development of a new revenue stream for the site by managing the creation of a native video player and ad platform
- Supported sprint planning, product development, and project management with technology, business, and editorial teams
- Created content for Digg site and social channels, generating more than 80 million views across Facebook and YouTube

EDUCATION

- **FullStack Academy** | Web Development Fellowship, NYC Tech Talent Pipeline
- **Hofstra University** | BA Archaeology, Public Relations