

STEPHEN TANKSLEY

Full Stack Software Engineer

214.952.0979

stephen.tanksley@gmail.com

<https://linkedin.com/in/stephentanksley/>

<https://github.com/stephentanksley/>

Languages:

Python
HTML
CSS / LESS
ES6 JavaScript
TypeScript
SQL

Frameworks:

ReactJS
Jest
Redux
NodeJS
Express
Knex

Databases:

SQLite3
PostgreSQL

Currently Learning:

GraphQL
MongoDB
C / C++

SUMMARY

Inventive software engineer who thrives when crafting intelligent, scalable solutions to open-ended problems. Comfortable collaborating with cross-functional teams. Interested in machine learning and AI development opportunities.

TECHNICAL PROJECTS

[PartNerd — Full Stack Engineer, Feb-June 2020 — \[www.partnerd.dev\]\(http://www.partnerd.dev\)](#)

PartNerd is a talent marketplace where people with great ideas for their business are connected with skilled developers who can make those ideas happen.

- Developed re-usable form components using React Hook Form, GraphQL, and Apollo Client
- Engineered dynamic button components for OAuth authentication using Styled Components
- Collaborated with back-end team lead to implement PassportJS OAuth strategies for Google, LinkedIn as requested by users during discovery research
- Implemented front-end team standup meetings to improve communication which reduced work duplication and merge conflicts by 20%
- Designed and implemented password reset strategy with back-end team lead using TypeScript, React, SendGrid, PostgreSQL and GraphQL

[SIX.R Virtual Reality Funding — Back End Engineer, Jan-Feb 2020 — \[virtual-r.netlify.app\]\(http://virtual-r.netlify.app\)](#)

SIX.R is a crowdfunding platform for virtual reality projects. SIX.R enables developers to post their projects, gain recognition and get funded.

- Designed database schema using PostgreSQL and Knex for creating new users and projects
- Deployed RESTful API using NodeJS and Express to provide access to database and handle user validation
- Documented API schema, providing a detailed blueprint for front-end team to use when requesting data
- Configured testing environment and automated tests in Jest to cover API business logic
- Created custom middleware to log access to the API, handle validation and ensure security
- Pair-programmed with front-end team lead to customize data returns from back end

EXPERIENCE

- Outlier Studios (contracted) — Audio Designer — August 2017 - Present
- Self Employed (contracted) — Composer/Audio Engineer — June 2015 - Present
- Self Employed (contracted) — Professional Singer — June 2010 - May 2017

EDUCATION

- Lambda School — Full Stack Web Development/Computer Science, 2020
- Columbia College Chicago — MFA Music Comp. for the Screen, 2015
- U. of Minnesota, Duluth — MM Vocal Performance, 2012
- Wheaton College Conservatory — BM Vocal Performance, 2010

BOSTON DYNAMICS

Dear Boston Dynamics hiring team,

I hope you're all staying positive and testing negative. I saw a posting on Indeed.com indicating that Boston Dynamics was searching for a C++/Python junior level software engineer to join the team.

I built a simple room navigating robot myself when I was fifteen and I've been fascinated by the Boston Dynamics YouTube videos for years. With that in mind, I was ecstatic to see the job post looking for a C++ or Python junior engineer as I fit the job requirements very well.

Here's why I'd be a great fit as a Python software engineer at Boston Dynamics:

- As a Python engineer, I...
 - Analyze problems to understand requirements using the UPER problem solving framework
 - Plan multiple executions of algorithms to solve problems and highlight the merits and drawbacks of each version
 - Diagnose errors and unintended side effects, modifying my execution to prevent errors in the future
 - Document my work through extensive code comments to ensure the next engineer to touch my files understands what I intend and how each piece functions
- While working on software engineering teams, I have...
 - Assumed leadership within my teams to ensure efficiency and minimize work duplication by instituting standup meetings and maintaining ticket assignments via Trello.
 - Collaborated using version control (Git/Github) to maintain separate production and staging branches of projects.

I'd love to schedule a time to talk about how my skills and experiences can help Boston Dynamics grow and innovate. I can be reached at this email address (stephen.tanksley@gmail.com) or by phone at (214) 952-0979.

Thank you for your time. I'm looking forward to hearing back from you!

Sincerely,

Stephen Tanksley

COSMIC CMS

Dear Cosmic hiring team,

I hope you're all staying positive and testing negative. I saw a posting on Indeed.com indicating that Boston Dynamics was searching for a C++/Python junior level engineer to join the team.

I built a simple room navigating robot myself when I was fifteen and I've been eagerly following the Boston Dynamics YouTube videos for years. I remember my eyes nearly popping out of my head when I watched Atlas parkour its way up a series of platforms. With that in mind, I was ecstatic to see the job post looking for a C++ or Python junior engineer as I fit the job requirements very well.

Here's why I think I'd be a great fit as a Python software engineer at Boston Dynamics:

- As a Python engineer, I...
 - Analyze problems to understand requirements using the UPER problem solving framework.
 - Engineer servers and middleware functions using NodeJS and Express
 - Develop web applications using React to use the data coming from the server
 - Own the entire lifecycle of a feature from start to finish
 - Learn new tech skills to support the requirements of the project (GraphQL, TypeScript, Apollo Client/Server for example)
- While working on software engineering teams, I have...
 - Assumed leadership within my teams to ensure efficiency and minimize work duplication by instituting standup meetings and maintaining ticket assignments via Trello.

- Collaborated using version control (Git/Github) to maintain separate production and staging branches of projects.
- I've served as an AWS Amplify maintainer for a project where I...
 - Monitored my team's AWS Amplify staging and production branches to watch for build errors
 - Scanned build failure logs and created tickets for the development team to fix errors before re-deploying to staging branch

Cosmic's headless CMS technology looks very interesting and useful. I'd love to schedule a time to talk about how my skills and experiences can help Cosmic to maintain its products and improve them further. I can be reached at this email address (stephen.tanksley@gmail.com) or by phone at (214) 952-0979.

Thank you for your time. I'm looking forward to hearing back from you!

Sincerely,

Stephen Tanksley