KONSTANTINOS HOUTAS

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Experienced Full Stack Engineer with 3+ years in software development. Led U.S. Navy web app development for 5x faster decisions with Python, AngularJS, and machine learning. Enhanced analytics speeds by 77% using VueJS and TypeScript, and fortified security with ReactJS, which reduced breaches by 30%. Committed to delivering intuitive solutions in a focused Software Engineer role.

SKILLS

Languages: React, Vue, Javascript, SQL, Node.js, Express, HTML, CSS, Python, Java
Tools & Technologies: Google Cloud, Databases, Unity Game Engine, Visual Studio, JIRA, Git, Github, Gitlab

EMPLOYMENT HISTORY

BlueHalo   Remote
Full Stack Engineer   Jun 2021 – Jun 2024
- Led the development of a Python and AngularJS web app for the U.S. Navy, leveraging machine learning to improve decision speeds by a massive 5x.
- Created analytics applications with VueJS and TypeScript, increasing social media trend analysis speeds by 77%, which dramatically improved business efficiency.
- Designed and implemented user-friendly security web applications using ReactJS, reducing security breaches by 30% and ensuring future-proof protection against potential threats.

Foreign Language 4 Kids   Remote
Front End Developer - Contract   Mar 2021 – Jun 2021
- Employed ReactJS, TypeScript, and InertiaJS to create captivating interactive games and trivia apps, significantly enhancing user engagement and experience.
- Crafted interactive learning applications that skyrocketed foreign language learning rates by an impressive 56%.
- Utilized Phaser to craft intricate games, elevating the learning experience of our users to new heights.

NYC Tech Talent Pipeline   Remote
Lead Teaching Assistant   Jan 2021 - Feb 2021
- Empowered students with essential skills in high-demand technologies like ReactJS, NodeJS, Express, and PostgreSQL.
- Collaborated actively with multiple student-run groups, resulting in an astounding 120% increase in project completion rates.
- Orchestrated review sessions which improved student topic knowledge by 50%.

Thunder Sun Homes   Remote
Project Management and Organization (Internship)   Jun 2019 - Aug 2019
- Used PHP in conjunction with Globiflow to build automated workflows in Podio
- Built an improved task management system within Podio that improved worker productivity and time efficiency by 80%
- Worked with SOAP and RESTful APIs to aggregate processes to a unified application which improved technical efficiency by 70%

PROJECTS

Sepia | Demo: https://www.youtube.com/watch?v=DuiO9m-K7VY   Jul 2020
        Git: **https://github.com/Reyder95/sdvx-tracker-backend** | https://github.com/Reyder95/sdvx-tracker-frontend
- Implemented a web application where users keep track of their scores in the game Sound Voltex
- Boosted player improvement by 25%
- Developed the user interface in ReactJS, and the back end using NodeJS, PostgreSQL, and Express

EDUCATION

College of Staten Island (CSI), City University of New York (CUNY)   Staten Island, NY
Masters of Science in Computer Science   Aug 2022 - Present

College of Staten Island (CSI), City University of New York (CUNY)   Staten Island, NY
Bachelor of Science in Computer Science   Aug 2016 - Jan 2021