STONE YAN

Software Developer (US Citizen)

WORK EXPERIENCE

TATA CONSULTANCY SERVICES

Software Developer @ Vanguard
February 2019-Present
Java, REST API, Spring Boot, Maven, Unit Testing

- Working in a team of 4 engineers to build a REST API in partnership with Ant Financial for a new feature in their AliPay app for 500 million customers
- Created separate encryption key storage service and cache, as well as static data cache to reduce API load times by 90%
- Implemented critical input valid security features
- Currently helping Shanghai QA team with production support to go live, including stress testing for up to 1000 transactions per second
- Elevated a concurrent library to production for millions of US and UK retail investors
- Reduced call times by over 70%, wrote all the unit tests, and, created a Splunk dashboard to manage status of service

CARDINAL EDUCATION

Education Consultant
June 2017-June 2018

EDUCATION

2018   **The Tech Academy, WA**
Intensive bootcamp with 600 hours of instruction and projects. Main focus in C# and the .NET framework. Content also includes fundamentals of computer science, HTML/CSS, Javascript, object oriented programming, version control, relational database design, SQL, and more

2013-   **Washington University in St. Louis**
2017   Bachelor's in Chemical Engineering

FIND ME

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PROJECTS

KAITLINYANG.COM

React, HTML, CSS, AWS

- Commissioned to design and code website for freelance illustrator
- Implemented CSS Grid, Partial View Vertical Navigation Bar, and hover effects;
- Decreased website cost by 95% by hosting on AWS and increased web traffic by 15%

HXRO BOT

Python

- Created an algorithmic trading bot for the daily fantasy crypto trading platform Hxro with a 63% hit rate
- Streams Bitcoin price data from 6 exchanges to execute logic translated from trading strategies
- Downloads and saves data weekly to .csv files for backtesting

PROSPER IT CONSULTING

C#, SQL, JavaScript/jQuery, AJAX, HTML, CSS, BootStrap, MVC, .NET, Entity

- Worked in a team of 3 engineers to build a .NET full-stack Employee Management Web App for Prosper IT Consulting's client to manage their 100+ employees
- Implemented back end features in C# and SQL that allows employees and admins to create and edit schedules, submit and approve time off requests, and edit user information
- Implemented interactive front end pages using jQuery and AJAX to dynamically load drop down lists, and display employee information, schedules, and time off requests
- Prior to development, scoped out app design, database schemas, and mock user interfaces for scheduling features

AWARDS

HACKNJIT 2018

- Placed top 6 and won best implementation of HERE.com API and TCS Garden Arduino Sensors
- Created a web application to manage a garden of 175 square feet with a GUI of real time data of temperature, soil moisture, humidity, and light