

Tracey Thomas

Brooklyn, NY | tracey_thomas@live.com | www.linkedin.com/in/tracey-thomas | www.github.com/Mfstat27

Professional Summary

A Sec+ certified, experienced Software Engineer with User Experience Design and IT Support experience. Possessing a high degree of passion and enthusiasm for secure coding practices, cybersecurity, ethical hacking and automation.

Technologies

Languages: Elixir, Elm, Python, Ruby, Java(SpringMVC), ReactJS, Node.js, PostgreSQL, GraphQL, Html/CSS

Software and Technology: Docker, Kubernetes, Nmap, Bash, Burp Suite, PowerShell, Metasploit, Wireshark, Sqlmap, OWASP ZAP, OracleVM, Git

Operating Systems: Windows, MacOS, Kali Linux, AppArmor Linux (Parrot Security), Ubuntu Linux, Security Onion(Linux)

Relevant Experience

ASSOCIATE SOFTWARE ENGINEER | CORVUS INSURANCE | NOVEMBER 2021- JANUARY 2023

- Automated payment processing for 1000+ policyholders and brokers through Stripe api integration
- Tested external Apis using Exvcr increasing integration test functionality by 80%
- Built multiple new product lines for Corvus growth and expansion pushing Corvus into the European insurance market
- Refactored code to upgrade the entire database architecture optimizing the database structure and accelerating query times for data collection by 80%
- Released multiple features that cut down engineering support requests by 90%, including: a regex powered input validation that allowed users to exclude domains from the Corvus scan, allowed users to remove scans by writing a query that joined data across multiple tables, and allowed users to edit and update an international address
- Applied Frontend and backend validation to prevent XSS and SQL injection attacks; Encouraged secure coding practices
- Optimized Corvus' signature cyber risk score by adding data collection of DNS records for 1000+ policyholders using Oban Jobs storing the data in AWS S3
- Worked cross-functionally with Lead Engineers, Product Managers and Designers daily to scope projects and slice larger chunks of work into smaller slices during monthly shape up cycles

SOFTWARE ENGINEERING APPRENTICE | WW | MAY 2021-SEPTEMBER 2021

- Improved search operations by refactoring our points program service and re-structuring data to send to search client API Algolia enhancing member filtering and sorting capabilities
- Collaborated daily in a cross-functional scrum agile team to estimate story points; working closely with product managers to manage CI/CD for priority/deadlines

- Wrote comprehensive unit and integration tests for search client upgrade improvement using Jest, Nock, and Supertest, increasing test coverage by 80%
- Updated scanned foods list by updating MongoDB query to return unique results therefore eliminating foods with same gtin from being overwritten
- Created a service to hit an API endpoint for data ranking calculation to send to a search API which improved search filtering output for a faster and improved member experience using the WW app
- Enhanced code performance by upgrading some parts to use Node.js version to ES6

Other Experience

CONTRACT HELPDESK TECHNICIAN | ADAPT COMMUNITY NETWORK | 2020

- Collaborated cross functionally with team to resolve or escalate 1000+ tickets weekly

TECHNOLOGY GROUP INTERN | FEDERAL RESERVE BANK OF NEW YORK | 2019

- Executed scheduled runs through all departments, supporting 1000+ end users with bank managed iOS and windows devices

CONTRACT DESKTOP SUPPORT ANALYST | NEW YORK PRESBYTERIAN | 2019

- Created inventory cartography using Microsoft Visio for asset tracking of over 10,000 devices at multiple hospital locations across the city

SYSTEMS ENGINEER | IPC SYSTEMS INC. | 2018

- Conducted routine upgrade & business continuity testing of over 4000 turret VOIP phones at over 70 locations across NYC
- Managed & monitored 100+ servers hosting all trader turrets at over 70 locations in NYC and NJ to ensure system stability

CONTRACT HELPDESK TECHNICIAN | BNY MELLON | 2018

- Programmed Bios security configuration for 1200+ end user devices ensuring unauthorized transactions would not be permitted

Education

SOFTWARE ENGINEERING FELLOWSHIP(NODEJS, REACTJS) | APRIL 2021 | THE MARCY LAB SCHOOL

APPLICATION DEVELOPMENT BOOTCAMP(JAVA SPRINGMVC) | APRIL 2020 | PER SCHOLAS

UX DESIGN BOOTCAMP | AUGUST 2019 | CUNY TECHWORKS

BACHELOR OF ARTS | FEBRUARY 2013 | BROOKLYN COLLEGE

Certifications

COMPTIA | PENTEST+ | FEBRUARY 2023 (CURRENT)

COMPTIA | SECURITY+ | JANUARY 2022 (CURRENT)

AMAZON WEB SERVICES | CLOUD PRACTITIONER | SEPTEMBER 2020 (CURRENT)