Samanja Cartagena

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SamanjaCartagena (Samanja Chowdhury) · GitHub Samanja Chowdhury   www.samanja.dev

6+ years of experience as a full stack engineer

WORK EXPERIENCES

Tec Systems, New York   **March 2022-Sept 2022**
Software Engineer
Front end Development using Vue JS, Vuex, Apexcharts, JavaScript, TypeScript, Vite, Node.js, Element Plus UI, Bootstrap, Express JS

- Created dashboards, bar charts, gauge meters that required heavy data calculations before rendering.
- Developed unit tests and component snapshot tests using **Jest** and **Enzyme**
- Implemented client-side data transformations to display bar charts, gauge meters and line charts using **Vuex**
- Created dynamically populated charts with large data sets from a live server
- Used Brave Browser to investigate and fix front end rendering performance issues.
- Used **Element Plus UI library** to create drop down date component that changes the charts according to the dates selected
- Did Vite configurations and **Element Plus UI** configurations using **TypeScript**
- Implemented algorithms to make sure the data rendered super-fast, created drop down filtering for different meters
- Used Bitbucket and Jira ticketing system for version control
- Created Navbar with Bootstrap and a custom-made side bar that displays dynamic data
- Created a mock server for testing with **Express JS, Node JS**

Segmentio, Remote   **Sept 2022-March 2022**
Software Engineer
Front end Development using React JS, Storybook, react-native, firebase, JavaScript, JQuery, Python

- Managing and maintaining company software Evergreen and **Python**
- Used **Postman** to test API and data
- Used **AWS services** to connect software with Cloud

Muddy Paws, Remote Volunteer   **Sept 2021- Dec 2021**
Software Engineer
 Front end Development using React JS, Firebase, Google Cloud Database, Salesforce development, APIs, Redux

- Created company software that displays the dogs that can be taken out for a walk

Tutoria, Remote   **Sept 2021- Dec 2021**
Software Engineer
 Full Stack Development using React JS, Postgresql, APIs, Redux, Ruby on Rails, Selenium, AWS hosting

- Made changes to company legacy Software using **Ruby on Rails**,
- Created a form using **Ruby on Rails** and React JS and **Postgresql**
- Made copyrights page using Ruby on Rails
- Automation testing using **Selenium**

Netflix Inc, Los Gatos, California   **June 2019-Sept 2021**
Software Engineer
Front end Development using React JS, Redux, D3.js, JavaScript, Express.js,

- Created several React components with D3 charts that support interactive visualizations of market data projections and analysis
- Developed unit tests and component snapshot tests using **Jest and Enzyme**
- Implemented client-side data transformations to map, filter, reduce etc large datasets for display in interactive **SVG charts**
- Created dynamically populated data filters as dropdowns, checkbox groups, input fields etc for market data analysis
- Used **Chrome Dev Tools** to investigate and fix front end rendering performance issues.
- Fixed several bugs and reworked the **UI/UX** to provide smoother interactions with a web app while streaming movies
- Handled the heavy development of embedded **JavaScript** widgets on third party publisher sites
- Worked with nested iframes. asynchronous loading of ads, and sizing scaling issues for mobile handling
- Implemented a new browse filtering for narrowing search results and adding items to cart

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- Worked in **Agile** using **Jira ticketing system**

Course Hero   June 2018-June2019
Redwood City, California
Software Engineer
Backend Developer PHP Developer, PHP with Laravel framework, Stripe integration, MYSQL, OAuth
- Implemented a payment processing system with **Stripe and Laravel framework**
- Implemented Browse Textbooks search engine with Textbooks database
- Implemented server side textbooks database with **MYSQL**

Cocacola , Albany New York   Dec 2016 – Aug 2017
Software Engineer
Java Developer, Hibernate, Java Spring Boot, SQL, HTML, CSS, JavaScript, JQuery, Agile Software Development
- Created software for the company factory
- Software that can export excel spreadsheet and store in **SQL database**
- Used **Spring Boot** to build authentication for company managers in an Agile Team
- Used **Git and Jira** for version control

Salon Ziba , New York   June 2017 -Present
Software Engineer
Wordpress developer, Woo Commerce, Stripe Payment Gateway, Adobe Photoshop
- Created an entire website from scratch using **WordPress**
- Implemented **woo commerce** for customer purchasing products and transactions
- Used **Stripe Payment gateway** for woo commerce and **Mail chimp email marketing**

New York Institute of Technology   October2014- Dec 2016
Technology Assistant (Old Westbvury, NY)
- Created excel spreadsheets for school equipment room
- Worked directly under the supervision of professors
- Was responsible for maintaining and handling radio equipment and technologies.

American Express , New York   June 2016- Aug 2016
Internship as a software developer JavaScript
- Interned as a junior developer in a scrum team

Beena Beauty Salon, Elmont, NY   May 2014- Present
Software Engineer
   Wordpress developer
- Developed a static website for the company and have been maintaining it ever since
- Uploaded website on GoDaddy, gave search engine optimization and marketed company in social media

EDUCATON
New York Institute of Technology, New York, NY   **GPA: 3.13**
Bachelor of Science in Computer Science   **Dec 2016**

Certifications
Java Script Console Object Ultimate Guide Udemy
https://www.udemy.com/certificate/UC-f7be05a9-9494-48fd-8d6c-d7279e176e07/
Hacker rank Problem Solving Skills
https://www.hackerrank.com/certificates/0a17d539b256
Help Desk Professional
https://www.udemy.com/certificate/UC-ae351a45-3012-4ed4-a9bf-6d1e024db29c/
Vue The Complete Guide(Router and composition API)
https://www.udemy.com/certificate/UC-eea810a0-1250-4c32-a58d-2658bd426f20/