

VINEETH SOMANCHI

Software Developer

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EXPERIENCE

Data Scientist @ Fuse Inventory, Inc.

2018 - 2019 (Fall - Spring)

- Utilized a data analysis tool named `pandas` to perform statistical analysis and predictive analytics on large inventories
- Optimized our client's marketing strategies using `Python`-based forecasting and organization
- Automated the process of formatting dataframes through the development of a platform that is used to convert, store, and analyze highly dense CSV files which resulted in a 20% decrease in company-wide workflow time

Full Stack Developer @ FoSho, LLC.

2017 (Spring - Summer)

- Led the backend design and development for an automated social/event planner web application
- Refactored database schema to account for user scalability, upgraded our RESTful API endpoints in order to reduce overhead, and delivered data to our frontend team via Ajax requests (`Node.js/Express`, `mysql`, `Axios`)

Technical Project Manager @ Tier 1 Event Management, Co.

2017 (Spring - Summer)

- Worked with product owner and oversaw three interns to develop a AdTech platform utilizing location-sciences
- Organized test-driven-development, sprint planning, daily standups, code reviews, and release planning (`Scrum`, `TDD`)

Media Support Developer @ NYU's Tandon School of Engineering

2017 - 2019

- Supervised university-wide AV equipment, managed student personnel, and resolved faculty technical difficulties

PROJECTS

VinFlix

[Live](#) | [GitHub](#)

- Developed a single-page, pixel perfect recreation of `Netflix.com` in 2 weeks
- Backend uses `PostgreSQL`, `Ruby on Rails`'s MVC framework, and `JBuilder` to deliver data to the frontend in `JSON` format
- Frontend uses `React` for structure, `Redux` for state management, and `thunk` middleware to curry high-order function calls
- Supports user authentication via session cookies, custom routes, and asynchronous event management
- Uses `AWS S3` for object storage and `Heroku` for hosting

Donald's Day Off

[GitHub](#)

- Animated an interactive game using `Vanilla JS`, `HTML Canvas`, and a custom physics engine to simulate a slingshot mechanism
- Dynamically manipulates DOM with event handlers and sprite animation

Sartoria

[GitHub](#)

- Constructed a social-media based clothing catalogue application using `Django`, `PostgreSQL`, and `React`

Media Support Inventory Manager (MSIM)

[GitHub](#)

- Developed an inventory management solution for equipment tracking and debugging using `Node.js`, `mysql`, `AntD`
- Supports single-sign-on (SSO) via NYU emails using Google's `G Suite`

EDUCATION

Languages: JavaScript (ES6), Python, Ruby, SQL, HTML5, CSS3, C++, Java, PHP

Frameworks: Rails, Django, Flask

Libraries: React, Redux, Vue, Angular, jQuery, D3, pandas

Tools: Bash, Git, AWS, Heroku, Docker, Chrome DevTools, Ajax, Webpack, RSpec, Bable

EDUCATION

New York University Tandon School of Engineering

- B.S. Computer Science (Spring 2019)
- 3.65 GPA

App Academy

- Full Stack Coding Bootcamping
- 1000 total hours of work with less than 3% acceptance