SUMIT PABLA

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EDUCATION

San Jose State University, San Jose: B.S. in Computer Engineering   Aug 2017 – May 2020

TECHNICAL SKILLS

LANGUAGES*: Python, JavaScript, Swift, C++, Java*

WEB*: Node.js, MongoDB, Express, Redux, HTML, CSS*

SOFTWARE*:* Git, GitHub, Firebase, Docker, OSX, Linux, Windows, Postman

FRAMEWORKS*:* Flask, Django, React, Bootstrap

WORK EXPERIENCE

MyStockLife – Support Engineer   Sept 2020 – May 2021

– Managed the coordination, implementation, administration and execution of messaging channels.

– Assumed a proactive role in technical support by identifying known problems and documenting resolutions.

– Improved user engagement through automation of various market-wide statistics making market data easily accessible.

PROJECT EXPERIENCE

MERN eCommerce Proshop (React, Redux, Express, MongoDB) - May 2021

– Developed a full featured shopping cart along with user accounts in conjunction with admin user/product management.

– Implemented real time product information such as reviews, ratings, previous orders and product search.

– Included PayPal/Credit Card integration as well as well-defined checkout process (shipping, payment method, etc.).

Natours (Node.js, MongoDB, Mongoose, Express, Pug, JavaScript) - Feb 2021

– Developed a feature-rich RESTful API with filters, sorts, pagination, etc. with advanced authentication and authorization.

– Used server-side rendering with pug templates to model geospatial data along with credit card/Stripe authentication.

– Implemented aggregation pipelines as well as modern authentication with JWT (signing up, logging in, password reset, etc.).

Sentiment Analysis Engine (Python, Flask, Naïve-Bayes, HTML, CSS, JavaScript) - Sept 2020

– Coded methods for users to search a key term or subject which would then scrape Twitter for tweets regarding a topic.

– Implemented Naive-Bayes model to determine if tweet has a positive or negative sentiment between -0.1 and 0.1.

– Designed and Implemented a landing page with various analytics including sentiment score, time-graph, histograms, etc.

Survey Breeze (Swift, UIKit, Firebase, Git, MessageUI) - Sept 2020

– Coordinated the creation of an iOS application which allows users to create, take, and analyze surveys.

– Allowed for sign up and sign in, email survey codes, and multiple choice/open ended survey questions.

– Developed visual statistical data such as bar graphs, scrollable lists, etc.

Forkify (JavaScript, NPM, Parcel, Babel, ES6 modules) - March 2021

– Constructed a web application for viewing recipes/ingredients via access to third-party APIs with AJAX calls.

– Developed a DOM updating algorithm to reduce page refresh requirements with emphasis on MVC architecture.

– Built functionality to upload custom recipes to the API and store bookmarks in local storage.