Jubin Taghdir

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SKILLS   JavaScript, Python, C#, Node.js, Express.js, Flask, .Net, SQL, Microsoft SQL Server, PostgreSQL, Sequelize, SQLAlchemy, React.js, Redux, Git, HTML5, CSS3, Docker

PROJECTS

CoinPal: *Paypal clone for Crypto currency (Python, JavaScript, Flask, React, Redux, SQLAlchemy, HTML5, CSS3)*   Live Site | Github
- Drafted Feature List, Front-End Routes, REST API routes, Wireframes, Entity Relationship diagram and user stories
- Used Chart.js JavaScript library along with React to create dynamic graphs with up-to-date crypto currency data
- Integrated CoinRanking API with keyword-based searching to display different coin data to the user
- Created a relational database in Postgres implementing join tables, self referential tables, composite keys using SQLAlchemy
- Created Reusable React.js Components in order to achieve best DRY code results
- Created a docker environment along with appropriate dependencies to maintain the integrity of application's environment
- Designed and implemented a transaction algorithm to ensure error free transaction and reduce chance of concurrency

Spartner: *OKCupid clone for gym goers* (*Python, JavaScript, Flask, React, Redux, SQLAlchemy, HTML5, CSS3)*   Live Site | Github
- Implemented an algorithm to score each user based on their answers in order to be used for the matchmaking system
- Designed and implemented REST APIs in order to achieve best query time while maintaining minimal memory usage
- Created a front end redux store in order to ensure efficient memory usage on the front-end at all times
- Implemented back-end validations using Flask-Forms for each of the form submissions in the front-end
- Created appropriate Redux store to achieve minimum memory usage while maintain availability of data for React Components

Stack Oil Flow: *StackOverFlow clone (Group Project) (Node.js, Pug, CSS3, Express.js, Sequelize, PostgreSQL)*   Live Site | Github
- Along a team of 3 analyzed the proposed system and prepared documentation best fit for the app(Database Schema, API routes)
- Created an Express.js server with adequate error handling, implemented REST APIs and routes based on functionality
- Designed and developed the Database using Sequelize for PostgreSQL, implemented relationships and joins tables
- Built classes to normalize the data and facilitate the transfer between back-end and front-end by reducing the size
- Implemented AJAX in the front-end to provide the user with seamless UI experience
- Utilized session based auth, CSRF token on forms and Bcrypt hashing algorithm on passwords to implement security

E-commerce Store: *System design, analysis, implementation for an online store (System design, C#, .NET, Windows Forms)*   Github
- Led a team of 4 to Analyze, Design and present the proposed system, point of contact with the project sponsor(course professor)
- Performed Requirement analysis, JAD sessions, prepared design/architecture documents including UI design, Process Models, Data storage design to prepare planning documentation including functional requirements, Use Cases, Entity Relationship Diagrams, Data Flow Diagrams, wireframes, and user stories to plan and design the application best fit for the project
- Programmed a .NET application using C#, built the UI using Windows Forms, Implemented Database using MS SQL Server

EDUCATION

California State University, Fullerton - *BS - Business Administration (Information Systems),* **Honors: Cum Laude**   Spring 2021
- ***Relevant Coursework***: Telecommunications, C# Programming, Database Management, Computer System Analysis and Design, Information Systems Development, Data Analytics / Data Mining
- ***Notable Project:*** *Vegas hotel rating analysis- Big Data Mining/Analysis (KNN, PCR analysis)*

App Academy - Immersive software development program with focus on full stack web development   Fall 2021
- ***Relevant Coursework:*** *Object Oriented Programming (OOP), Test-Driven Development (TDD), Coding Best Practices, Data Structures & Algorithms, Systems Design & Architecture, Agile/ SCRUM Methodologies*
- ***Activities****: Daily pair programming alongside a group of 60 peers, preparing daily reports, fulfilling fast paced learning requirements, reporting to supervisors on 4 full-stack projects*

LEADERSHIP
- *Dean's Honor list, Member of Business Honors Students at Mihaylo College of Business and Economics*

EXPERIENCE

Client Service Representative - *Bank of America*   July 2019 – Feb 2021
- Interacted with 100+ clients daily, built rapport with clients and assisted them with their needs, utilized multiple systems to track, and developed financial reports while assisting bankers and customers with loan, mortgage, and account maintenance

IT and Marketing Associate *- Tropez boutique*   July 2013 – June 2019
- Improved primary processes of the business and increased sales by 9% through the creation of the website and social media accounts, E-Commerce platforms, and the design and implementation of databases to use data in a meaningful way