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TECHNICAL SKILLS

Languages: HTML/CSS, Javascript, TypeScript, C#
Front-End: Reactjs, Reduxjs, Nextjs, Angular, NGRX, VueJS, Vuex, Jquery
Back-End: .NET Core, ASP.NET, Nodejs, Expressjs
Database: MySql, PostgreSQL, MongoDB, Cassandra, Redis
Testing: Mocha/Chai, Karma, Puppeteer, Jest, Enzyme
Integration: Webpack, Babel, Docker, AWS, GIT, TeamCity, Jenkins 2, Bash Scripting

PROJECTS

Client Indications: Full-stack WebApp for Clients and Hedgers

- Used Angular 8 to render the client page for increased user experience.
- Used Microsoft SQL server for increased testability and increased data query speed.
- Used Puppeteer testing utility to ensure the robust functionality of the user interface.
- Used .Net Core 2 and ServiceStack to reduce the complexity of the backend microservices.
- Used NUnit testing utility to unsure the integrity and overall quality of the microservices.
- Used RabbitMQ for increased daily valuation process for hundreds of thousands of transactions bringing up to date data for the clients.

Drop Table: Full-stack Restaurant Reservation WebApp

- Used React-Redux to render menu entree to reduce the development complexity.
- Used MongoDB for data storage for compatibility and increased data query speed.
- Used Jest/Enzyme testing utility to test my microservices to ensure robust functionality.
- Used HTTP-proxy to combine individual micro-services to guarantee the integrity of the overall system for the clients.
- Deployed with Docker to Amazon Web Service EC2 to allow the integration of microservices.

Bed & Breakfast: Backend Room Reservation WebApp

- Used ExpressJS for its flexibility to serve review entrees to the clients.
- Benchmark PostgreSQL and Cassandra response time based on requests per second.
- Used Cassandra over PostgreSQL to quickly and consistently record review comments.
- Used Artillery load tester on the system to reassure the system's performance under stress.
- Used NGINX to horizontally scale EC2 server instances for better response time.
- Used Redis for simple rapid data caching and data retrieval.

EXPERIENCE

Chatham Financial, Full Stack Engineer - Kennett Square, Philadelphia *2019*

- Implemented cap indications web application for increased hedgers and clients experience.
- Implemented cap indications services for the above web app efficient deployment.
- Implemented valuation services for increased daily scheduled task for thousands of transactions.
- Implemented portal proxy services for the clients to quickly and easily access the up to date data.
- Wrote unit tests, acceptance tests and end to end tests for the app robust functionality.

Good Faith Clinic, Clinical Support - Los Angeles, California *2013-2016*

- Implemented a process to help senior patients experience better care.
- Provided strategic support for the patients and their families resulting in more efficient visits.
- Conducted patient interviews and wrote reports for the physician to reduce the visitation time and optimize one on one times spent with patients.

De La Guerra, Kitchen Assistant – Santa Barbara, California *2009-2010*

- Managed restaurant workflow, and resolve emergencies to maintain high customer satisfaction.

EDUCATIONS

Hack Reactor, Advanced Software Engineering Immersive – San Francisco, CA *2019*

University of California Santa Barbara, BS in Biology — Santa Barbara, CA *2005-2010*

Relevant coursework: Ecology, Evolution, Marine Biology, Molecular, Cellular, Developmental Biology