

Montrell Jubilee

<https://github.com/mjubilee1>

EXPERIENCE

Senior Full Stack Developer (Typescript, .NET, AWS)

Amergis, Columbia, MD — Sep 2024 - Continue

- Re-architected the frontend framework by converting the entire project from JavaScript to TypeScript, and implemented Jest and Vitest for comprehensive unit testing across components and pages. Additionally, leveraged Playwright to develop robust end-to-end (E2E) testing, ensuring seamless user experiences.
- Designed and developed backend APIs for the notification service using .NET, EF Core, and LINQ, querying a PostgreSQL database to efficiently handle API responses.
- Led the development of a wide-ranging email notification system, a critical feature utilized by 100% of customers. This involved using Terraform for infrastructure, AWS Lambda, SES, and SNS for backend services, and React Email for building the UI interface. Developed new backend endpoints to support this service, ensuring high performance and reliability.
- Integrated Swagger documentation for new APIs, enhancing the clarity and accessibility of API endpoints.
- Managed Docker containers and collaborated with AWS ECS instances daily for local development, testing, and smooth deployment, ensuring environment consistency and robust system operations.

Senior Full Stack Developer (Typescript, Node)

Leap, Columbia, MD — Apr 2022 - Jun 2024

- Migrated API services from Node.js to Go, leveraging Go's efficiency and performance to handle high-throughput data operations.
- Utilized Go routines to maximize performance when querying our MeasureSheetItem and PriceGuideItem NoSQL data stores, significantly improving response times.
- Architected and implemented new API endpoints in Go, improving scalability and reliability while reducing system resource consumption.
- Integrated Mass Price Change to enable customers to update pricing information in real time using RxJS and React.
- Optimized backend services using Parse and Node to efficiently manage a mass price guide, reducing data processing times for large datasets, thereby enhancing user experience.
- Led the creation and integration of a custom UI component library, streamlining development processes and ensuring seamless integration across multiple Bitbucket repositories.
- Leveraged the Jest framework to develop comprehensive unit and integration tests, increasing code coverage from 0% to nearly 50%, and significantly improving overall code quality and maintainability.

Full Stack Developer (React,PHP, Gatsby)

Cybrary, College Park, MD — Feb 2018 - Apr 2022

- Led development of enterprise-level features using React, and Algolia, resulting in a significant increase in customer enrollment, and built SEO-friendly pages with GatsbyJS, improving SEO scores from 57% to 90%.
- Led in decision making to create over 100+ unit tests, implemented individual and team dashboards, filtering systems, and marketing templates from scratch using ReactJS, and presented functional web pages and user prototypes to Leadership and business stakeholders.

Passion Projects

Solidity Smart Contracts (React, Solidity,Node)

- Designed and implemented secure and efficient smart contracts using Solidity, ensuring accurate execution of crypto transactions and arbitrage strategies.
- Integrated smart contracts with a React-based frontend, enabling seamless interaction between users and blockchain features.

SleeplessGamers (React,Golang,Python)

- Utilized Nginx to configure and manage a high-performance, secure web server for backend deployment, ensuring optimized load balancing and seamless scalability.
- Developed using Material UI and TailwindCSS for 95% CSS styling to ensure mobile responsiveness .
- Implemented using Python,OpenCv, MultiThreading/MultiProcessing to find Twitch streamers and process frame images to find keywords in real time with < 6s latency.
- Implemented using Golang, Postgres and rest api structure to process database records and provide JSON to frontend.
- Optimized server performance by setting up auto-scaling and load balancing on AWS EC2 Linux-based systems, handling high traffic with minimal downtime.
- Gaining a deep understanding of ANN, CNN, and RNN technologies is essential to effectively utilize them for detecting multi-digit numbers in milliseconds with over 85% accuracy.

JubileeSpace/FriendlyRealtor (React Native,Node,NextJs)

- Utilized Firebase for website hosting, Authentication, Firestore, Storage, and Realtime database to manage user info and related feature information.
- Developed using React native to take advantage of compatible IOS libraries and deploy to the IOS App store.
- Implemented using NextJs, Tailwind, Zustand for seo, SSR capabilities, routing between pages, and mobile responsiveness.

SKILLS

React, Node, NextJs, Typescript, C#, .NET, Expo, Jest, Nginx, CI/CD, Redux, Mobx, Rxjs, Golang, Express, SEO, Accessibility, Php, Laravel, Angular, Contentful, Postman, Agile, Java, C++, Python, Tailwind, Material UI, OpenCV, Machine Learning, Postgres, Mongo, Firebase, AWS, GCP, DigitalOcean, Rest, Zustand, Git, Parse, Confluence, Blockchain, EF Core, LINQ, Remix, Sonarcloud, Docker, Terraform, Swagger, AWS ECS, Docker Containers, ANN, CNN, RNN, Deep Learning, AWS Lambda, AWS SES, AWS SNS

CERTIFICATION

- AWS Cloud practitioner

EDUCATION

Towson University B.S. Computer Science

Aug 2015 - Dec 2018

- Coursework: Operating Systems, Cybersecurity, Algorithms, OOP, Networking, Java, Multi Thread
- Honors: Finance Manager of Mathematics club (2015), Member of CyberSecurity Team (2015)