Mia Dugas

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Summary

Experienced Front-End and Full-Stack developer seeking challenging opportunities. Skilled in creating highly functional and aesthetically pleasing components using VueJS, NestJS, React, NodeJS, MongoDB, JavaScript and Typescript. Recognized for authorized and featured work in Trinity Education's full stack bootcamp at the University of Denver.

Skills

Languages: TypeScript, JavaScript, HTML, CSS, Dart, Swift, Python, C#
Databases: SQL, MongoDB (with Mongoose and Cloud Atlas), SQLite, MySQL, Local Storage, PostgresSQL
Frameworks: VueJS, NestJS, NodeJS, React, Redux, ExpressJS, ElectronJS, Angular, GatsbyJS, Jest, PlayWright, Ionic,
Tools: Storybook, FormKit, TailwindCSS, Azure Dev-Ops, AWS Elastic Beanstalk, Adobe XD, Sketch, Bootstrap, VSCode, Postman, Contentful, MaterialUI, Heroku, Git, PWA, Jira, WindiCSS, MacOS, Bash, Terminal

Professional Experience

Senior Web Application Developer | Evident Change.   May 2022 – Current

- Successfully researched, developed, and implemented reporting and data visualization with PowerBi into our TDM application, resulting in improved application performance and attracting over 1000 new users in our Kansas, Arizona and California jurisdictions.
- Acquired certifications in NestJS and VueJS, developing expertise in integrating NestJS with Vue components. Employed performance optimization techniques, resulting in faster rendering, reduced load times, and improved user experience. Gained proficiency in advanced techniques such as lazy loading, code splitting, and server-side rendering through real-world examples. Strengthened TypeScript skills to produce more maintainable and scalable code.
- Resolved technical challenges by leveraging my expertise in debugging and critical thinking. Optimized the backend error handling with NestJS, leading to a 50% reduction in application errors. Improved the user experience by optimizing the application's speed, responsiveness, and ease of use.
- I provided critical support to the QA team in testing our Vue.js and NestJS applications built with Typescript. I collaborated with the team to conduct comprehensive testing and assisted with identifying and reporting defects. Through my contributions, I helped ensure successful testing and release of high-quality software.

Full Stack Software Developer | CereHealth Corp.   Dec 2021 – March 2022

- Designed and implemented key components of a customer-facing FDA-cleared Neuroimaging AI web application, utilizing React, Redux, and other cutting-edge technologies. Achieved a 20% reduction in processing time for medical imaging data, resulting in increased efficiency and improved patient outcomes. Managed development of new and existing models, actions, reducers, and routes, leveraging deep knowledge of medical software development and best practices.
- Developed efficient, elegant, and responsive frontend features using React, resulting in a 30% reduction in frontend load time. Troubleshot and resolved user-reported issues in JavaScript, React, Redux, Postgres, Node, AWS Elastic Beanstalk, and RESTful API's, resulting in increased user satisfaction and deliver high-quality solutions on-time and within budget. Authored patches and maintained codebase to ensure scalability and maintainability. Tailored solutions to align with employer needs and provided technical guidance to stakeholders.
- Collaborate in an Agile environment with other development, product team members and the UI/UX team to design and scope application features to meet business and user needs and drove progress on projects by collaborating with engineers across the stack.

Interim IT Manager, SQL & C# Developer - Contract | Accutrend Data Corp   Oct 2021 – Dec 2021

- Successfully executed multiple projects involving complex database structures, query optimization, and business intelligence solutions with SQL Server 2012-2017 and related technologies.
- Improved database performance through query optimization and restructuring of tables, and provided expertise in database design, optimization, and troubleshooting.
- Documented and provided guidance on database solutions, trained 10 developers on new processes, and increased data load efficiency through fixing and creating SSIS packages resulting in a 30% improvement in query performance.

Software Developer (Front-End Focus) | Mia Dugas Designs   Dec 2018 – Oct 2021
- Created visually appealing and functional layouts for various projects, optimizing design and functionality to meet client needs.
- Provided expert support on Azure Apps services and received training as a Dev/OSS support specialist for web and mobile applications.
- Instructed part-time as a Full Stack Development Bootcamp Instructor, teaching responsive front-end web design, back-end development with NodeJS, and web development with React.
- Worked with clients in diverse industries, including Real Estate technology, Trucking & Logistics, Medical, and E-commerce, delivering high-quality solutions that exceeded their expectations.

Projects

Tim Furlow Fine Art | GITHUB | DEMO SITE
React, NextJS, MongoDB, NodeJS, MaterialUI, Cloudinary, PayPal Developer API
- Custom e-commerce site for Tim Furlow Fine Art. Includes an admin area to manage orders, users & inventory. Payment processing through PayPal.
- The client had a bad experience with Shopify, and I was commissioned to build what equates out to his own fully functional online e-commerce store with no monthly Shopify fees and Paypal CC processing for max profit margin.

SurveyMe | GITHUB | DEMO SITE
React, Redux, MongoDB Atlas, Google Cloud Services, NodeJS, ExpressJS, Heroku
- Designed, implemented a full stack ecommerce system to conduct sentiment analysis surveys and provide a visual representation of responses to improve products or services with customer engagement.
- Implemented Redux and Redux Forms for state management, internal data management. Used MongoDB Atlas to remotely store collection and subdocument collections of survey responses.

Git-A-Dev | GITHUB | DEMO SITE
React, React Hooks, Local Storage, Auth0, Fusion Charts, Github API
- Implemented contextAPI state management because of the scope of the application. Authentication through Auth0 with efficient data modeling in Local Storage.
- Designed, developed a React application to search GitHub users and pull relevant data from the GitHub API and displays the data using Fusion Charts for interactive visualizations of the results.

Education & Certifications

NestJS – NestJS Fundamentals| Certificates of Completion | NestJS   2020 – Current

Full Stack Development Certification | University of Denver (DU) - Denver.   08/2019 – 03/2020
My work has been authorized & featured in marketing for Trinity Education's full stack bootcamp at the University of Denver.

Associates of Art and Science, IT | University of Minnesota Crookston – Crookston, MN   03/2007 – 06/2009

Python - The Practical Guide | Certificates of Completion | Academind GmbH   2020 – Current

Progressive Web Apps (PWA) | Certificates of Completion | Academind GmbH   2021 – Current

Ionic & Angular | Certificates of Completion | Academind GmbH   2021 – Current

Angular & NodeJS - MEAN Stack | Certificates of Completion | Academind GmbH   2021 – Current

Node with React Fullstack Web Development | Certificates of Completion | Stephen Grider 2021 – Current

Military Experience

E4 - US Army | Honorable Discharge