

Joshua Mark Nanninga

[jmarknanninga@gmail.com@gmail.com](mailto:jmarknanninga@gmail.com) | 210-419-8684 | San Antonio, Texas

LinkedIn: www.linkedin.com/in/joshua-nanninga-88a7522a7

GitHub: <https://github.com/joshuamarknanninga>

Technical Skills

Frontend: HTML5, CSS, JQuery, Javascript, Bootstrap, AJAX, SASS, Vue.js, NPM, Git,, Mocha, Chrome Dev Tools, Tailwind, Bulma.

Backend: MySQL, MongoDB, Express, ReactJS, Node, Handlebars, Firebase, AWS, Webpack, Gulp, Python, OAuth, Jest, GCP, Heroku, Pycharm.

Projects

Aphex Twin Music Generator Pro | [GitHub Repo Link](#) | September 2024 | Full-Stack Developer

"Aphex Twin Music Generator Pro" is a web application that generates music inspired by the iconic electronic music artist Aphex Twin. The app allows users to create unique soundscapes through algorithmic composition and interactive controls. I was responsible for developing both the front-end and back-end, integrating sound synthesis tools, and ensuring an intuitive user experience.

Tools/Languages: HTML, CSS, JavaScript, Node.js, Express.js, React.js, Tailwind CSS

Divine-Destinations | [GitHub Repo Link](#) | September 2024 | Full-Stack Developer

"Divine Destinations" is a web-based application designed to offer users a seamless experience for planning trips, including viewing destinations, creating itineraries, and booking hotels. I worked on both the front-end and back-end development, implementing user-friendly interfaces and responsive design. This project highlights my ability to integrate multiple web pages, manage assets effectively, and ensure a cohesive user experience.

Tools/Languages: HTML, CSS, JavaScript, Node.js, Express.js, Handlebars.js

Foodbank-Database-Pro | [GitHub Repo Link](#) | September 2024 | Full-Stack Developer

The "Foodbank Database Pro" is a web application designed to manage food bank data efficiently, including tracking donations, managing inventory, and facilitating distributions. I was responsible for both the front-end and back-end development, including creating database models, handling API routes, and designing the user interface for streamlined data entry and reporting. This project demonstrates my proficiency in building full-stack applications using modern web technologies and emphasizes efficient data management.

Tools/Languages: Node.js, Express.js, MongoDB, JavaScript, HTML, CSS

Matrix-Opening | [GitHub Repo Link](#) | May 2024 | Programmer (Hotel Page)

The "Matrix Opening" app simulates the iconic "falling code" rain effect from the Matrix movie, providing a visually immersive experience. I was responsible for designing the visual components, coding the animation logic in JavaScript, and ensuring compatibility across browsers and devices. This project showcases my early proficiency in front-end development and marks one of my first significant coding projects.

Tools/Languages: HTML, CSS, JavaScript, WebGL

DanceStudioPro | [GitHub Repo Link](#) | September 2024 | Full-Stack Developer

"DanceStudioPro" is an application designed to streamline studio management by providing features such as class scheduling, student management, and payment processing. I contributed to both the front-end and back-end of the application, ensuring smooth functionality and a user-friendly experience for dance studio owners and administrators.

Tools/Languages: HTML, CSS, JavaScript, Node.js, Express.js, React.js

Regex Translator | [GitHub Repo Link](#) | September 2024 | Full-Stack Developer

"Regex Translator" is a web tool that helps users convert regular expressions into human-readable descriptions, simplifying the process of understanding and writing complex regex patterns. I was

responsible for developing both the front-end and back-end of the application, ensuring a seamless user experience and accurate translations.

Tools/Languages: HTML, CSS, JavaScript, Node.js, Express.js, Regex

Work Experience

ECISD

August 2018-August 2024 | Theatre Teacher, Director, Designer, Teen Leadership Teacher | San Antonio, Texas.

- *Inspiring and engaging educator, winning the “Eye of the Hurricane Award” for innovative curriculum, and supporting a Young Men’s Leadership Student group, to help young men navigate the world. Empowered fellow educators in learning and installing processes through thoughtful and dynamic use of OpenAI for constructing multiple curricula, including theatre, teen leadership, English, creative writing, robotics, and engineering.*
 - *Skillfully orchestrated multiple theatre, radio, and film productions by employing innovative processes and adaptive strategies, ensuring each project was engaging, insightful, and flawlessly executed and TEKS enriching.*
 - *Fostered an inspiring and enriching environment for students, educators, and administration through supportive and adaptive strategies, creating a motivating and engaging atmosphere conducive to growth and collaboration.*
 - *Adapted swiftly to COVID protocols, successfully teaching three distinct pathways simultaneously—in-person, remote, and strictly online—demonstrating innovative and dynamic problem-solving skills.*
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JISD

August 2012 - August 2018 | Technical Theatre Teacher, Director, Light, Costume, Set Designer | San Antonio, Texas.

- *Skillfully constructed plays, designed sound and lights, and executed set design and costumes with a dynamic and innovative approach.*
- *Expertly managed stage managing duties while overseeing beginner theatre classes, ensuring an engaging and supportive learning environment.*
- *Successfully installed an environment of learning and mutual respect through adaptive and insightful teaching methods, fostering a nurturing and inspiring atmosphere for students.*