WADE ROGERS
FULL-STACK SOFTWARE DEVELOPER

Portfolio

LinkedIn

GitHub

(512) 704 - 5009   WdRgrs@gmail.com   Austin, TX 78748

Summary

Full-stack developer with 3+ years of professional experience building and deploying scalable web applications for startups and scale-up companies. Expert in TypeScript/JavaScript ecosystems (Vue, Nuxt, React) with specialized experience in real-time data visualization and WebSocket implementations. Proven track record of optimizing application performance, including reducing data payloads by 97% through intelligent parsing and caching strategies, and architecting modular frontend systems for both monolithic and microservice architectures. Combines deep technical expertise with product-focused thinking to deliver user-centric features that drive measurable business value.

Experience

Rhodium Enterprises LLC
www.rhdm.com

Software Engineer

Rockdale, TX (remote)
Dec 2022 - May 2025

Rhodium is a vertically integrated, Texas-based Bitcoin mining company pioneering energy-efficient, high-density mining through proprietary liquid-cooled infrastructure.

- ➤ Led frontend architecture and UX/UI design across multiple internal server and client based dashboards, emphasizing modularity, reusability and scalability.
- ➤ Engineered complex application components, including recursive/dynamic routing, modals, forms, tables, widgets, tooltips, range selectors.
- ➤ Optimized data handling through selective parsing, compression, and browser caching, reducing dataset size from 70MB to 2MB.
- ➤ Implemented real-time systems using push notifications and WebSockets for event tracking, acknowledgements and state updates.
- ➤ Managed global app state with Vuex and Pinia; supported time-series data workflows including filtering, interactive graph-based visualization and CSV export.
- ➤ Built Robust CRUD Systems, documented and owned various workflows end-to-end: from requirement gathering, design, QA, development, deployment and upkeep.
- ➤ Administered virtual machines using Proxmox and Ansible (Type I & II hypervisors); developed infrastructure and shell-driven tooling.

NextIQ
www.nextiq.com

Software Developer

Austin, TX
Feb 2022 - Sep 2022

NextIQ is a startup company/platform that seeks to educate individuals and companies in the renewable energy sector through informative video content and tutorials from industry leaders.

- ➤ Created, maintained, refactored and debugged website pages, documentation, components and user workflows in accordance with company standards and design
- ➤ Curated analytics and metrics of user activity on the platform to gauge product value and to help guide data driven decisions
- ➤ Responsible for ensuring the website interface responded dynamically in all dimensions (mobile, tablet, laptop and desktop)
- ➤ Implemented and managed QA - communicated and collaborated with other departments to understand product and technical requirements to eliminate rework from bugs and design conflicts
- ➤ Investigated and implemented new technologies, tools and libraries to solve technical issues and improve the platform

Technical Skills

Languages	TypeScript, JavaScript, Rust, Shell, Elixir, Golang
Frontend	Nuxt 2/3 (SSR), Vue 2/3, React, Vuex, Pinia, Redux/Saga, Vuetify, Tailwind, Material Ui
Backend	Node.js, Express.js, Phoenix (LiveView), REST APIs, OAuth2, WebSockets
Databases	MongoDB, PostgreSQL, DynamoDB, QuestDB, SQLite3, Neo4j, Snowflake
Cloud/DevOps	Docker, Ansible, AWS (Amplify, S3, Cognito), Kubernetes*
Infrastructure	Linux (Debian/Ubuntu), Proxmox, Type 1 & 2 Hypervisors, Shell Scripting
Tools	Git, npm, Vite, Webpack, Figma, Jira, Confluence, Asana, Trello

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Projects

Alphabits
wdrgrs.itch.io/alphabits

*Word-puzzle Game
Macroquad (Rust)*

April 2025 - Present

Private Repo,
Available on Request

Built a cross-platform (web & desktop) word-puzzle engine featuring procedurally-generated boards, real-time scoring and three distinct difficulty tiers.

➢ Engineered a scene-based architecture and advanced state-management systems, ensuring a smooth user experience and gameplay
➢ Implemented horizontal/vertical word and window-detection algorithms with live dictionary validation for dynamic scoring
➢ Developed weighted-random generation for board initialization and queued active-letter sequencing for balanced letter frequency
➢ Created three difficulty modes with unique gameplay parameters to increase engagement across various skill levels:
  - **Easy**: Relaxed pace, no time limit, 9x9 grid, 2+ letter word acceptance
  - **Medium**: Standard speed, 11x11 grid, timer introduced, 3+ letter word acceptance
  - **Hardcade**: Fast-paced, 13x15 grid, timed, 4+ letters, WIP - introduces 'abilities' concept
➢ Deployed as embedded web app via WASM (3mb bundle size), and as native installers for Windows, MacOS and Linux

Melodient
melodient.heroku.com

*Web-Based Spotify
explorer & player (MERN)*

Aug 2021 - Sep 2021

Built a full-stack music discovery app that lets users log in with Spotify, browse genre-based song selections and stream tracks directly in their browser..

➢ Architected a secure Express.js REST API to proxy Spotify's endpoints and manage user sessions.
➢ Integrated OAuth2 for Spotify authentication and fetching personalized playlists
➢ Developed a responsive React UI with dynamic genre filtered and weighted "popular track" visualizations.
➢ Implemented MongoDB, tracking play history, powering "Recently Played" global lists usage and analytics.
➢ Managed agile development with Trello-driven project organization and Figma-backed wireframe design and Heroku deployment.

Certifications

Unity Learn May 2025	**Unity AR Development,** Unity Technologies **Unity Essentials Pathway,** Unity Technologies
FreeCodeCamp Jan 2022	**Responsive Web Design Certification (300 Hours),** FreeCodeCamp.org **JavaScript Algorithms and Data Structures Certification,** FreeCodeCamp.org
DevMountain Sep 2021	**Full Stack Web Development Certification,** DevMountain, Lehi, UT
Austin Community College 2011 - 2012	**Applied Sciences Certifications,** Austin, TX