Rory Dowse
Software Engineer
(480) 336-0379 | rorydowse@hotmail.com | Phoenix, AZ
linkedin.com/in/rorydowse | github.com/rorydowse | rorydowsedev.com

Summary

Creative, self-starting, and detail-oriented software engineer with over 8 years of experience designing and building responsive, user-friendly websites and applications. Proven ability to develop interactive learning tools and optimize online platforms for increased engagement and visibility.

Skills

Front End: CSS, HTML, jQuery, React.js, Bootstrap, Javascript, TypeScript, UX/UI Design, Responsive Web Design.

Back End: SQL, APIs, AJAX, bcrypt, Node.js, Express.js, Sequelize, REST APIs, PostgreSQL, Prompt Engineering, JSON Web Token (JWT).

Other: Git, DOM, OOP, Vite, GitHub, Insomnia, Wireframing, Developer Tools, Web Accessibility, Visual Studio Code, Agile Methodologies, Command Line Interface.

Projects

Finance Flow | finance-flow-f2zu.onrender.com

- Our team created a tool that determines the user's cash flow and allows them to make informed investment and travel decisions using stock market and currency exchange APIs.
- I led the front-end design, Cashflow, Investment, and About pages, and managed the Kanban board.
- Node, Express, React, PostgreSQL, Sequelize, JWT, bcrypt, Bootstrap.

Car Loan Payment Calculator | rorydowse.github.io/car-loan-payment

- This tool helps car buyers determine potential savings by comparing monthly base payments with third-party quotes.
- I led the development in an Agile environment and contributed the majority of the code, the README, and the GitHub workflow.
- HTML, CSS, JavaScript (JS), Google Fonts API, DOM, Bootstrap, JQuery.

James Woodrow Violin | jameswoodrowviolin.com

- I designed a business page incorporating a "wood" theme to reflect the client's profession and surname, drawing inspiration from the violin, strings and bow, and quality parchment.
- I received positive feedback for timely delivery and effective client engagement post-launch.
- HTML, CSS, JavaScript (JS), Google Fonts API, DOM.

Experience

Front End Developer
CanKnowPiano | canknowpiano.com
Phoenix, AZ
2016 – Current

- Built a brand by leveraging effective design strategies, achieving 280% revenue above industry average.
- Designed responsive and accessible websites using HTML, CSS, and JavaScript (JS), ensuring optimal performance across all devices.
- Created applications which enhanced the learning experience for clients, reporting 4.9/5 in "overall satisfaction" survey feedback.
- Conducted consultation interviews, and made wireframes to gather client requirements and visualize solutions.
- Piloted market research and optimized UX design, creating user-friendly interfaces and with positive feedback received on overall user experience.
- Optimized sites with SEO and HubSpot Certification, increasing traffic by 198%, conversions by 293%, and sales by 220% in Q4.
- Finished each project ahead of deadline, developing essential trust and rapport with clients.

Accomplishments, Recognitions, and Awards

- Presented and published at numerous conferences and journals, served as project manager, and started the bootcamp study group, demonstrating effective leadership and communication.
- Won scholarships and competitions while successfully delivering on client targets, exemplifying exceptional time management.
- Designed software products to solve client problems, resulting in increased client satisfaction through innovative solutions.

Education

Software Development Bootcamp | Arizona State University | Jun – Nov 2024 | Phoenix, AZ
Master's Degree in Music | Royal Northern College of Music | Sep 2011 – 2013 | Manchester, UK