

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

Summary

Forward-thinking front-end developer with a strong focus on high-quality, user-friendly designs and a commitment to continuous learning and innovation. Skilled in both creative and analytical problem-solving, consistently delivering impactful solutions. Recognized for strong leadership, collaboration, and commitment in working with diverse teams and stakeholders. Passionate about React development and dedicated to sharing knowledge to foster collaborative growth.

Skills

Front End: AJAX, Bootstrap, CSS, HTML, JavaScript, jQuery, React.js, TypeScript.

Back End: APIs, bcrypt, Express.js, JSON Web Token (JWT), MongoDB, Mongoose, Node.js, NoSQL, PostgreSQL, Python, REST APIs, Sequelize, YAML.

Tools and Methodologies: Agile Methodologies, CI/CD, CircleCI, Command Line Interface, Cypress, Developer Tools, DOM, Git, GitHub, GitHub Actions, Insomnia, MongoDB Compass, Prompt Engineering, Responsive Web Design, Test-Driven Development (TDD), Vite, Visual Studio Code, Web Accessibility, Wireframing.

Projects

Finance Flow | github.com/RoryDowse/finance-flow | finance-flow-f2zu.onrender.com

- Developed a tool that calculates cash flow to support user investment and travel decisions, using stock market and currency exchange APIs.
- Built the Cashflow, Investment, and About components and API requests, and managed the Kanban board.
- Node, Express, React, PostgreSQL, Sequelize, JWT, bcrypt, Bootstrap.

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

- Built a tool to help car buyers assess savings by comparing base monthly payments with third-party quotes.
- 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 | github.com/RoryDowse/james-woodrow-violin | jameswoodrowviolin.com

- Created a business site with a “wood” theme to reflect the client’s profession, incorporating visual elements inspired by violins, strings, and parchment.

- Delivered ahead of schedule with positive client feedback on design and engagement.
- HTML, CSS, JavaScript (JS), Google Fonts API, DOM.

Experience

Front End Developer
CanKnowPiano
Phoenix, AZ
2016 – Current

- Increased brand revenue by 180% through strategic web development practice.
- Designed responsive, accessible websites with Google PageSpeed scores of 100% across devices.
- Built educational applications for clients, achieving an overall satisfaction rating of 4.9/5.
- Led consultations and created wireframes to gather requirements and visualize solutions.
- Enhanced SEO, certified by HubSpot, boosting site traffic by 198%.
- Consistently delivered projects ahead of deadlines, building essential stakeholder trust.

Accomplishments, Recognitions, and Awards

- Presented and published at numerous conferences and journals, managed projects, and founded a coding group, demonstrating strong leadership and communication.
- Won scholarships and competitions while maintaining high client satisfaction, exemplifying exceptional time management.
- Created software solutions that resolved client issues, increasing client satisfaction through innovative approaches.

Education

Software Development Certificate | Arizona State University | Jun – Nov 2024 | Phoenix, AZ

Master of Music Degree | Royal Northern College of Music | Sep 2011 – 2013 | Manchester, UK

Bachelor of Music Degree | Queen's University Belfast | Sep 2008 – 2011 | Belfast, Northern Ireland