

# Ryan Royalty

Remote Only Candidate

Phone: (978) 302-9465  
E-Mail: rroyaltywebdev@gmail.com  
LinkedIn: <http://www.linkedin.com/in/rroyalty>  
Github: <https://github.com/rroyalty>  
Profile Page: <https://rroyalty.github.io>

---

Versatile and driven Software Engineer with a strong background in full stack development, data analytics, and clinical software solutions. Proven experience in modernizing legacy systems, driving integration with third-party platforms, and contributing to scalable enterprise applications. Highly collaborative team player with experience in Agile environments and a passion for solving real-world problems through code.

---

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, SQL, PL/SQL, HTML5, CSS3, Java (limited), VBA, PowerQuery M  
**Frameworks/Packages:** React, Next.js, React-Query, Express, Node, Axios  
**Tools/Applications:** Git, GitHub, Copilot, AWS, VSCode, MySQL, FileMaker, PowerQuery, Excel, Cursor

---

## EMPLOYMENT HISTORY

### Bonterra Tech (formerly CyberGrants) – Remote

*October 2021 – Present*

Software Engineer (Promoted from Junior Software Engineer; February 2023)

- Implemented Multi-factor Authentication (MFA) to improve platform security.
- Integrated E-Signature services (DocuSign and AdobeSign) to allow users to send digital envelopes directly from the app.
- Maintains and supports a homegrown component library; responsible for version control and code maintenance.
- Regularly and quickly resolved a variety of bug tickets ranging in severity across our entire platform.
- Remediated Content Security and Accessibility in a legacy monolith codebase.
- Leveraged AI tools like Cursor to increase productivity and improve code quality.

### Foresight Regulatory Strategies – North Andover, Massachusetts

*October 2016 – October 2021*

Software Developer and Data Analyst

- Designed and developed a custom inventory management system in FileMaker to track clinical trial materials.
  - Automated clinical report generation with a custom VBA interface.
  - Conducted data analysis using Excel, PowerPivot, PowerQuery, and SQL to support FDA-regulated trials.
  - Translated raw clinical data into actionable insights and integrated into client-facing documentation.
- 

## EDUCATION

### Certificate in Full Stack Web Development

University of New Hampshire Coding Boot Camp – A+ Final Grade

### Bachelor of Science in Mathematics

University of Massachusetts — Amherst, MA