

# John Rainey

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**Portfolio:** <https://rainydaydevelopment.com/>

## PROFESSIONAL SUMMARY

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Full Stack Software Developer with 6+ years of experience designing, developing, and optimizing scalable enterprise applications. Expertise in React and Node.js for building real-time dashboards and SQL for complex data architecture. Proficient in translating business needs into robust technical solutions. Experience with cloud concepts (Azure) and containerization (Docker) through personal development. Seeking to leverage a strong background in full-stack development and production support in a challenging Software Engineering role.

## TECHNICAL SKILLS

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**Languages & Frameworks:** JavaScript, React.js, Node.js, ASP.NET MVC, C++, Java, Python, HTML5, CSS, SQL.

**Databases:** SQL Server, PostgreSQL, Stored Procedures, Database Design, Optimization.

**DevOps & Tools:** Docker, Azure, Git, CI/CD Principles, Agile/Scrum, VMware.

**Reporting & Data:** SAP Business Objects, Power BI, Data Modeling, Statistical Analysis, XML, Json.

## PROFESSIONAL EXPERIENCE

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### **Software Developer | BioHorizons**

*10/2022 - Present*

- Develop and maintain enterprise-grade ASP.NET MVC web applications, creating custom controllers, views, and Razor-based UI components.
- Design and implement complex SQL Server database structures and stored procedures to support scalable application features.
- Optimize database queries to improve performance for data-heavy internal reporting tools.
- Designed and implemented a dynamic finance and accounting application, engineering a flexible attribute system to handle complex business data and reporting requirements.
- Contributed to legacy modernization initiatives by converting Visual Basic codebases to modern ASP.NET architectures, improving system maintainability and scalability.

## ***Full Stack Developer & Data Architect | Honda Manufacturing of Alabama***

***05/2019 - 09/2022***

- Developed full-stack web applications to process, analyze, and display live production data using React and [Node.js](#).
- Created and maintained "Live Dashboards" utilizing React and XML data to provide real-time visualization of manufacturing metrics.
- Utilized Python scripts to automate data processing tasks and assist in backend logic generation.
- Designed complex SQL backend architectures for SAP Business Objects reports, utilizing historical analytical data to drive business decisions.
- Conducted root cause analysis on production issues by reviewing application logs, stack traces, and SQL database states.
- Collaborated with user groups to define business requirements and designed applications specifically to meet operational needs.

## ***Plant Response Team Member (PRT) | Honda Manufacturing of Alabama***

***05/2018 - 05/2019***

- Provided on-call issue resolution plant-wide, diagnosing and resolving technical issues involving operational equipment (PLCs) and IT systems.

## ***IT Systems Administrator | The Salvation Army***

***12/2016 - 04/2018***

- Managed VMware server environments to ensure high system availability.
- Provided comprehensive help desk support (remote and on-site) for associates across a three-state region.
- Managed advanced troubleshooting for OS corruption, data recovery, and hardware failures.

## **EDUCATION**

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***B.S. Computer Science | Mississippi College, Clinton, MS (2016)***

***A.A. General Studies | Holmes Community College, Ridgeland, MS (2011)***