

Brian Dorton

Senior Full Stack Engineer

I specialize in developing and implementing technology solutions that drive business growth and operational efficiency. From creating a fully custom sales recommendation engine with a team of only 5 to automating data collection and building custom reporting tools, my focus is on delivering scalable, impactful results. With expertise in integrating systems like Salesforce and implementing modern tooling, I thrive in leading development initiatives that align with company objectives and foster continuous innovation.

EMPLOYMENT

Manager, Software Engineering, Sep 15, 2025-Present, HexaContainment
Managing a team of engineers building a comprehensive ecommerce platform for industries across North America.

- Own architecture and design quality. Guide the team in making smart technical decisions, balancing pragmatism and long-term maintainability.
- Drive roadmap progress: Partner with business leaders to shape the roadmap, align technical execution with business priorities, and keep projects on track
- Surface and manage technical risks: Identify potential risks early and help the team navigate uncertainty with clear tradeoffs and communication
- Support team members: Mentor engineers, help them grow in their craft, and foster a culture of accountability, trust, and collaboration
- Collaborate with cross-functional partners to shape rough requirements and early-stage ideas into actionable, technically sound plans
- Participate in code reviews, help set standards, and ensure best practices are followed across the codebase
- Be hands-on writing code where needed

Senior Ruby on Rails Engineer, Nov 1, 2024-2025-09-15 (As Needed),
Dealerware (Contract)

Leading the build of a comprehensive car rental and fleet management platform for dealerships across North America. Built on Rails 7 with a React front end and Python/Node.js microservices, all deployed via AWS Lambda.

- Developed and maintained a Rails 7 application integrated with React, delivering a seamless UX for fleet operations.
- Implemented Python-powered microservices and SQL data stores for contract processing and analytics.
- Streamlined deployments using Docker containers and CircleCI pipelines.
- Coordinated cross-functional design sessions to ensure scalability and data integrity.

Senior Full Stack Engineer, Sales Systems Architect, Nov 1, 2017-Oct 31, 2024,
IBM

Support of a large sales team through building custom applications that streamline processes and automate the collection of data.

- Lead frontend team in building and maintaining a custom sales recommendation engine that generated over \$7.8M in pipeline revenue.
- Automate data collection and created custom tools for metrics and reporting for a department responsible for over \$50M in revenue.
- Implement modern CI tooling to update and deploy applications on IBM's Cirrus Cloud network.
- Integrate data collected from sales reps with Salesforce data through Salesforce API interface and building custom Salesforce Lightning applications.

Lead Campus Director, Sep 1, 2014-Oct 31, 2017, The Iron Yard

Ran operations at The Iron Yard Academy's three-month intensive code schools personally focused on the Houston campus.

- Contributed to and lead company-wide initiatives that are aligned to The Iron Yard Mission and Vision.

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SKILLS

Front End, Senior

JavaScript Vue Typescript React
HTML/JSX CSS

Back End, Senior

Node Ruby Rails Python Django
PHP Laravel Postgres Redis
SalesForce

Devops, Mid/Senior

SalesForce Docker Kubernetes
Containerization IBM Cloud AWS
Agile CI/CD

- *Supported* and manage a region of 6 campuses.
- *Supported* campus level decisions ranging from student concerns to budget questions.
- *Administered* performance reviews.

Freelance Web Developer, Sep 1, 2011, dorton.co

Develop applications for both clients and internal applications for companies.

- *DocDel*: Developed fullstack MVP for document and rights management for entertainment law firm.
- *CarRiders*: Developed application for an efficient, safer alternative to school dismissal. Currently in place at 3 campuses.
- *TIY Event Signin*: Developed an event signin app that helps you glean patterns and data from attendees of your events. Used nationally at The Iron Yard.

Campus Administrator, Aug 1, 2011-Aug 30, 2014, Houston Independent School District

- *Disaggregated* and disseminated grade level common assessment data and district level assessment data as collected through the EdPlan system. Assisted grade level teams in spotting trends using the data and designing interventions to address any gaps.
- *Ensured* campus computers/mobile devices are maintained and running. Designed and delivered technology professional development sessions to staff and beginning computer classes to parents. Oversaw all campus technology initiatives.

EDUCATION

Masters Educational Management, May 1, 2010-May 1, 2012, Master of Science,
University of Houston-Clear Lake

Biomedical Science, Aug 1, 1996-Dec 1, 2000, Bachelor of Science, Texas A&M
University

REFERENCES

Mary Bentley (Principal, IBM)

I have worked with Brian for about two years now. We worked on building an inference engine for sales automation in Salesforce. Brian was critical to the success of the project. His work ethic is second to none and his knowledge of the back end processes is remarkable. The project couldn't have happened without him.

Michelle Do (Sales Analytics/Operations Leader, IBM)

Brian is an extremely well-rounded team member and has been an absolute gem to work with. I can come to Brian with the most complex development requests, and he can make it come to life. There is never push-back on whether it may be impossible, and he integrates a user-friendly experience on top of his projects with even minimal direction. I fully recommend Brian to any full-stack development or business operation transformation role. He has been an invaluable asset in our sales operations transformations at IBM with the knowledge that he brings with application development, plug-in development, and API integration.

Jessica Mitsch Homes (Executive Director, The Iron Yard)

Brian lights up any room he walks into. He was the founding Campus Director for The Iron Yard Houston and built an incredible community over the years that only someone with his kind of heartfelt passion, kindness and care could do. You're a lucky person if you have the privilege to work with Brian!