

# Dwane Richards

Software Engineer

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[Github](#) | [Blog](#) | [Website](#) | [LinkedIn](#)

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## EDUCATION

Flatiron School, New York, NY

December 2019 - December 2020

*Full Stack Web Development, Ruby on Rails, and JavaScript Program*

St. John's University, Jamaica, NY

September 2002 - May 2006

*Bachelor's Degree in Communications*

## WORK EXPERIENCE

1 BAT, New York, NY

May 2017 - Present

*Founder and Creative Director*

- Founded 1-BAT (One Brick At A Time), a creative agency rooted in music, design and subculture - pivoting into the tech space for the purpose of exposing and supporting underrepresented talent in the field of coding.
- Established company from scratch, rapidly scaling and delivering high profile projects, one of which was showcased on Viacom.
- Project-managed website from ground up and utilized key elements such as motion graphics to maximize traffic.

PagerDuty, New York, NY

January 2022 - Present

*Intern, Software Development(Sustainability Team)*

- Built and shipped an auto\_resolve UI internal tooling solution for case handling where a single service can have millions of open incidents leading to performance degradation
- Maintained the modernization and stewardship of shared and legacy application infrastructure
- Participated in code reviews with senior team members - demonstrating a passion for high quality, testable code and a firm grasp on both computer science fundamentals and highly scalable systems.

NYC Small Business Services, New York, NY

October 2021 - January 2022

*Engineer, Technical Solutions*

- Conceptualized and developed web applications to engage NYC residents with local businesses utilizing HTML, CSS and JavaScript - taking the project from idea to production in less than 2 months, weeks ahead of schedule.
- Architected integrations to enable transfer of over \$10k to local businesses and increased online orders by 20% within 3 weeks.
- Integrated and enhanced small businesses' presence on e-commerce platforms while enabling contactless payment and bookings/reservation solutions to increase the small businesses' efficiency and exposure.

Mount Sinai Health System, New York, NY

March 2014 - January 2022

*Coder, Inpatient Division*

- Managed claims and billing data while developing systems for loading/examining medical records for revenue cycles.
- Initiated reimbursements exceeding \$200 million through analysis of diagnostics, procedures, and related data.
- Analyzed clinical documentation improvement (CDI) in order to maintain the highest ethical standards under AHIMA.

## TECHNICAL PROJECT EXPERIENCE

Covergram - [Github](#) | [Demo](#)

*Fan art app (React / Redux / Ruby on Rails)*

- Built a dynamic application leveraging Spotify's API allowing users to search, select and like their favorite album covers.
- MVC, AJAX,CRUD, R Spotify gem, form handling, and state management represent some of the complex design, development and architectural features of the app.

GreenLife - [Github](#) | [Demo](#)

*Image-based plant sharing app (JavaScript / HTML / Ruby on Rails)*

- Developed a robust application and created scripts that allow users to leverage a complete web application with a powerful backend for uploads, likes, and account updates.
- Manipulated DOM, tracked/managed events, and communicated/updated server.

Medley, - [Github](#) | [Demo](#)

*Medicine management and reminder app (Ruby / Ruby on Rails)*

- Built a unique browser-compatible application that allows users to create accounts, upload medical data, and receive reminders for medicine use. Reminders empower users to never forget to take their medicine again.

## TECHNICAL SKILLS & ADDITIONAL INFORMATION

Languages: Ruby, JavaScript, HTML, CSS, and Regex.

Tools & Frameworks: React/Redux, Ruby on Rails, Node.js, AWS, Git, Github, Docker, Datadog, Bugsnag, Buildkite.

Specializations: Certified Coding Specialist—American Health Information Management Association (AHIMA)

Additional Information:

- Producer/Publisher—American Society of Composers, Authors, And Publishers (1999 - Present)
- Studio Assistant—Warner Music Group (2011 - Present)