

# Randy D'Abbraccio

Web Software Engineer

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Curiosity is woven into the tapestry of my life and for the past 11 years I have been in the tech industry analyzing projects, helping customers, and training co-workers. After many roles and broadly learning how the tech industry operates, I am refocusing toward a constant interest: making web-based software.

## **SKILLS**

**Languages** - JavaScript, HTML, CSS, Java | **Database** - MongoDB, SQL | **Libraries and Frameworks** - React, Express.js, Django, Bootstrap, WordPress

**Other** - Git, Agile, RESTful Routing, API, Zendesk, Jira, M&A/cyber-asset research, Postman, Shodan, Kali Linux

## **SOFTWARE DEVELOPMENT PROJECTS**

**June 2022 - Present**

### **Streamgenie | Fullstack, Express.js, React.js, MongoDB**

- Goal: To produce a full application that consumes movie/TV API information to help track and find new titles.
- Full-stack application with create, read, update, delete (CRUD) operations hitting the TMDB database via their API.

### **FaunaCry | MongoDB, Express.js, Node.js, Liquid templating**

- Goal: To produce a full application that uses location information and provides the endangered species in the area.
- Utilized a stack to build a full application in 7 days. With full CRUD operations hitting API calls to the U.S. Fish and Wildlife Service ECOS system.
- Mobile first project design using Bootstrap framework for CSS styling.

### **DropoutTunes | MongoDB, Express.js, Node.js, Bootstrap**

- Goal: Work with a team to build a full-stack application.
- Based on an Amazon-style checkout cart.
- Consumes Last.FM API, AudioScrobbler, and displays track information.

### **Bio4climate | Volunteer, WordPress**

- Goal: To help the organization modernize their webpage.
- Learned the WordPress framework.
- Provided a roadmap to update their technologies and website aesthetic.
- Directing social media and youth participation.

## **PROFESSIONAL EXPERIENCE**

### **Technical Support Analyst, BitSight | Boston, MA**

**June 2020 - June 2022**

- Helped troubleshoot tickets for customers and internal teams 15+ a day.
- Platform administration for customer requests.
- Reporting and data management for customers.
- Resolved cyber-asset questions using Terminal queries: TLS, SSL, Port scans.

### **Senior Technical Researcher, BitSight | Boston, MA**

**May 2017 - June 2020**

- Research and discover cyber-assets for 20+ companies a day.
- Mapping company assets to BitSight's platform.
- Merger and Acquisition research using SEC Filings / Companies House.
- New analyst hiring.

### **Software User Acceptance Tester, Ontegrity | Framingham, MA**

**July 2014 - June 2016**

- Helped define software for version two of the platform.
- Conducted user support and fielded internal software issues.
- Manual testing of platform including: test cases, process improvements, content writing, UX/UI, Alpha and Beta testing E2E.

**Senior Project Analyst**, Ontegrity | Newton, MA

**April 2008 - August 2011**

- Managed field technicians and interfaced with vendors.
- Researched technical equipment and managed documentation.
- Developed a training program and trained new analyst hires.
- Executed quality control and data analysis: compiled reports for internal teams and clients.

## **EDUCATION**

**GENERAL ASSEMBLY | REMOTE**

*Software Engineering Immersive*

**June 2022 - August 2022**

Full-stack software engineering immersive student in an intensive, 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

**UNIVERSITY OF MASSACHUSETTS AMHERST | AMHERST, MA**

*Bachelors of Science in Psychology | 3.9 GPA summa cum laude*

**Sept. 2011 - December 2013**

Statistics for Psychology - Teaching Assistant

Moral Psychology Lab - Research Assistant

**NEW ENGLAND INSTITUTE OF ART | BROOKLINE, MA**

*Associates in Audio Engineering | 3.9 GPA*

**Sept. 2004 - June 2006**