

Landon Borrego

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Michigan State University and Nashville Software School alumnus seeking full-stack and front-end software engineering roles. 2 years of experience in software development and 7 years in psychology and behavioral health. Looking forward to building user-focused web applications that solve real problems as a software engineer, applying React, Next.js, Django REST Framework, and a human-centered approach to design.

PROJECTS

VN Home Health Care - [Website Link](#) | [Source Code Link](#)

Introduced the 1st official web presence for an established home health care company using React, so clients could discover services and make contact more easy online

- Partnered with the business owner as the primary stakeholder, translating content ideas and feedback into a 9-page site as the service offerings expanded
- Architected the multi-page structure with Next.js routing and a 6-item navigation bar, giving each section its own dedicated, bookmarkable page that ranks individually in search
- Proposed and implemented SEO strategies (metadata assignment, keyword-targeted FAQ content, alt text on images) across 15+ components, targeting relevant search queries
- Owned the project end to end, from requirements gathering and site planning through development, deployment on Vercel, and production launch, with Resend-powered email routing visitor inquiries directly to the business

Dupesogs - [Website Link](#) | [Source Code Link](#)

Built and deployed a full-stack vinyl record cataloging app, allowing users to create, organize, and manage their collections with image uploads and real-time data updates

- Developed a full-stack vinyl record management app across 7 components using React, Next.js, Firebase Realtime Database, and Bootstrap, enabling complete CRUD for records and users along with a custom image upload flow to Cloud Storage
- Configured Firebase environment variables via Next.js .env, keeping API keys out of the client bundle, and structured Realtime Database and Cloud Storage using Firebase-generated UID keys to organize user and record data

Destination Guides - [Source Code Link](#)

Developed a full-stack blog posting platform in a simulated Agile team environment, enabling users to create, tag, and manage posts through a React frontend integrated with a Django REST API

- Engineered the posts and tags components in React, integrating 8 Django REST API endpoints (create, read all, read singular, update, delete post; create, read, delete tag) to manage blog post content, comments, user details, and tag data, with state and page navigation handled via React Hooks
- Led Sprint 1 execution as Scrum Master for a team of 4, running standups 3x weekly and representing team progress at scrum-of-scrums; identified excessive time spent on PR descriptions during retrospectives and drove adoption of a more concise format that increased team velocity
- Managed post/comment/tag data with useState and handled API call logic with useEffect, using browser dev tools and console-based debugging to trace data flow and resolve integration issues between the React client and Django endpoints

TECHNICAL EXPERIENCE

Nashville Software School - Nashville, TN

Software Developer | SEPT 2024 - SEPT 2025

Intensive part-time, 12-month software development bootcamp focusing on Python/Django development fundamentals and problem-solving

- Applied cross-framework adaptability through Object-Oriented Programming (OOP) principles daily across individual and group projects using Python and JavaScript
- Built responsive, accessible interfaces with React, integrating dynamic user flows planned through Figma wireframes and prototypes
- Developed and maintained RESTful APIs using Django and Django REST Framework, with relational database design such as SQLite
- Ensured code quality and version control using Git/GitHub, incorporating unit testing with Python's testing framework

PROFESSIONAL EXPERIENCE

Metropolitan Behavioral Health - Dearborn, MI

Mental Health Technician | OCT 2023 - PRESENT

- Conduct 15-minute safety rounds across a 24-patient unit, monitoring for behavioral/self-harm risk and de-escalating with CPI-certified techniques, while coordinating with a 12+ person interdisciplinary team
- Identify and de-escalate ~6 high-risk incidents monthly (including self-harm risk, patient-to-patient, and patient-to-staff conflicts) by removing potential contraband from my person, donning PPE, and applying CPI-certified verbal de-escalation before escalating to protocol-based intervention
- Log vitals for 24 patients 1-2x daily and document patient belongings and incident reports in EPIC, ensuring medication accuracy and preventing belongings-related escalations through precise documentation accuracy and following data integrity in a HIPAA-compliant environment

Ronald McDonald House Charities (RMHC) - Detroit, MI

Associate Board Member & Volunteer | AUG 2022 - JAN 2024

- Led fundraising and volunteer engagement strategy as a Board Member, driving consistent outreach to existing volunteers and expanding volunteer opportunities to exceed annual group quotas by 30% (engagement) and 89% (donor outreach) over one year
- Organized an annual fundraising bowling event, raising \$5,200+ through sponsor solicitation, donor outreach, marketing, and volunteer coordination, a ~30% increase over the prior year's total

EDUCATION

Nashville Software School - Nashville, TN

Full-Stack Software Development | SEPT 2024 - SEPT 2025

Michigan State University - East Lansing, MI

Bachelor of Science - Psychology | AUG 2018 - MAY 2022

TECHNICAL SKILLS

Languages: CSS, HTML, JavaScript, Python

Frameworks: Bootstrap, Django, Django REST Framework, Next.js, React, Tailwind CSS

Databases: SQL(SQLite)

Additional (Tools, Methodologies, etc.): Agile Methodology, AI Tools, Claude, Claude Code, Continuous Deployment (Vercel, Netlify), Figma, Google Chrome Dev Tools, Google Gemini, Debugging, Firebase, Git, GitHub, Lighthouse, Microsoft Office, Object-Oriented Programming (OOP), Responsive Design, RESTful APIs, SCRUM, Technical Documentation, Troubleshooting, Version Control