

Brock Thigpen

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Skills

Languages: JavaScript, TypeScript, C#

Technologies: React, React-Native, Redux, Node.js, Express, jQuery, Jest, MongoDB, PostgreSQL, MySQL, SQLite, .NET framework, Entity Framework, Git, Datadog, Loggly, Jira

Experience

Software Engineer, Levvel/Endava – Charlotte, NC 2021 – Present

- Contributed to the development of a React Native app for the global leader in cold storage and logistics, enhancing safety compliance and operational efficiency for a facility processing 80-90k pallets monthly by providing real-time, step-by-step operational guidance for facility workers
- Collaborated closely with cross-functional teams, implemented intuitive user interfaces for task instructions, composed of React-Native components using TypeScript, mapped to custom BPMN workflows
- Revitalized the app's exception handling feature set for damaged pallets and goods by meticulously refactoring front-end components; eliminated redundant logic within unnecessary React hooks, centralized all related mappings into a singular, easily maintainable location, and created comprehensive documentation for the feature
- Played a pivotal role in facilitating integration testing, swiftly identifying and rectifying issues arising from these tests; contributed to crucial production hotfixes, and served in a 24/7 on-call support rotation
- Boosted application test coverage by 20%, ensuring high reliability by implementing thorough unit tests across new and existing features
- Streamlined Levvel's Core Value Awards process by updating the intranet site, aiding in management of nominations and winner selection, complete with Slack integrations for automated announcements

Teaching Assistant, Trilogy Education – Charlotte, NC 2020 – 2021

- Assisted professor with daily class duties, preparing materials and technology setup, ensuring efficient lesson delivery for over 25 students, leading to a well-organized classroom environment
- Tutored struggling students in key programming concepts as a supplemental resource, improving class exam performance by 15% and enhancing student comprehension
- Implemented interactive discussions and problem solving exercises to maintain engagement, resulting in a 10% increase in course completion rates and improved student satisfaction

Account Manager, FastMile Logistics – Charlotte, NC 2019 – 2021

- Optimized logistics operations and client satisfaction by developing and implementing tailored standard operating procedures (SOPs) for new processes and client onboarding, in collaboration with teams of customer service representatives and handlers ensuring strict compliance with client-specific and internal SOPs

Site Superintendent, MDG Construction – Charlotte, NC 2017 – 2019

- Guaranteed project success and client satisfaction by leading teams of professionals and subcontractors, ensuring quality, adherence to specifications, and effective communication among stakeholders

Education

UNC at Charlotte – Full-Stack Certificate 2020

UNC at Charlotte – BS in Environmental Studies 2015