

NICHOLAS MASTERS

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PROFESSIONAL SUMMARY

Full-stack developer building TypeScript, React, Node.js, and Express applications with a focus on REST APIs, data integrity, and reliable system integration. Software development bootcamp graduate with 5+ years of operational leadership managing complex, deadline-driven workflows and identifying critical system issues. Targeting application and full-stack developer roles in the Jacksonville market.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript · JavaScript (ES6+) · React · Node.js · Express.js · HTML5 · CSS3

APIs & Data: RESTful APIs · JSON · MongoDB · MySQL · SQL · Postman

Tools & Practices: Git · GitHub · npm · Agile/Scrum · Code Review · TDD · API Integration

AI & Automation: Prompt Engineering · Agent Design & Orchestration · MCP Integration

PROJECTS

Disc Golf Labs

GitHub Repository

Stack: React · TypeScript · Node.js · Express · MongoDB

- Designed and implemented REST API endpoints and MongoDB data models for user profiles, practice sessions, and high-granularity performance metrics across a full-stack coaching platform.
- Integrated a React/TypeScript client with Node.js and Express services, adding validation and error handling to maintain data integrity and predictable UI behavior across user sessions.
- Structured frontend and backend responsibilities for maintainability and future expansion, supporting a metrics-driven practice MVP with additional training modules planned.

Additional projects: github.com/NMasters52

PROFESSIONAL EXPERIENCE

Field Manager — Interior Logic Group

Jacksonville, FL | Oct 2020 – Present

- Identified and documented a critical scheduling defect during beta testing of the company's proprietary platform, giving engineering teams reproducible detail to resolve it before company-wide release.
- Manage flooring installation across 200+ active residential construction projects, reconciling architectural plans, field conditions, materials, schedules, and subcontractors while priorities and deadlines shift.
- Selected for a company-wide operational excellence initiative using Agile-style workflows; developed and delivered a training module adopted into the company's annual training program.

Software Development Intern — Jax Code Academy

Jacksonville, FL | Apr 2025 – Aug 2025

- Contributed to a team of eight developers building internal curriculum tooling and maintained reusable UI components designed for modular, scalable page development.
- Integrated frontend views with backend APIs, implementing validation and error handling to support reliable data rendering and application stability.
- Worked in team-based Git workflows using branches, pull requests, and code reviews while collaborating to debug issues and maintain alignment across a shared codebase.

Operations Lead — New World Sports Complex

Jacksonville, FL | 2016 – 2020

- Managed daily operations, staff, inventory, vendors, and customer experience for a multi-faceted sports complex.
- Coordinated large-scale events including the Disc Golf Pro Tour Championships, managing logistics, vendors, staff, and execution under fixed deadlines.

EDUCATION & CONTINUOUS LEARNING

Software Development Bootcamp — Jax Code Academy

Jacksonville, FL | 2024

Intensive full-stack program covering JavaScript, TypeScript, React, Node.js, Git, and REST API development while working full-time. Continued post-program study in MongoDB, Express, system design, and hands-on application development.