

Michael Leys

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Highly agile and emotionally intelligent professional with expertise in time and project management, process improvement, and automation. Skilled in managing projects, identifying and reporting challenges, and leading meetings and teams. Exhibits extroverted, strategic, and growth mindset behavior that cultivates an exceptional team building atmosphere while creating meaningful relationships that deliver high quality experiences.

SKILLS

Programming Languages and Frameworks - JavaScript, HTML, CSS, Mongoose, Express, React.js, Node.js (MERN stack), Django, Python, Java **Databases** - MongoDB, PostgreSQL, SQLite **Version Control and Project Management** - Git/ GitHub, Trello, Agile SCRUM, LucidCharts **Authorization and Security** – Sessions, OAuth, Jsonwebtoken **Other** - RESTful routing, CRUD mapping, WebAPIs, Bootstrap, Semantic UI, Codesandbox, Replit, AWS, Vite.

PROFESSIONAL EXPERIENCE

General Assembly

Software Engineering Immersive Certification

Remote

Feb 2023

Layers – Project Management App

- Utilized MERN stack to create an application for managing projects granting users one to one data relationships.
- Applied RESTful routes with full CRUD functionality including two separate models, vastly improving application functionality.
- Constructed robust user interface with bootstrap library of five components, resulting in an enhanced user experience and increased engagement.

Pursuit of HealthYness – Personal Healthcare Tracking App

- Oversaw project with multiple team members applying Agile SCRUM board with single goal focused sprints converging efforts resulting in flawless team execution. GitHub control resulting in over 300 commits between 4 different members.
- Constructed various frameworks including Django, Python/ PostgreSQL (local), SQLite (deployed), AWS, Bootstrap, and Sass with RESTful routing to appointments and medications applications, creating four enhanced forms integrated with APIs.
- Maintained fluid GitHub control resulting in over 300 commits between four different team members.

Skill.map –Full-Stack Skill Development Hub App

- Employed the MERN stack to build a full-stack web application for skill development, achieving exceptional user engagement and 100% positive feedback.
- Incorporated two external APIs, OpenAI and YouTube, allowing users to use helpful tools and find learning resources.
- Integrated JSON Web Token (JWT) authentication to improve security and limit single users accessibility.
- Designed user experience with over twenty Semantic UI React elements, views, modules, and collections.

Vista Manufacturing

Applications Engineer

Walker, MI

May 2017 – July 2021

- Researched, developed, and implemented vision applications for six product lines involving complex algorithms for machine vision automation through self-taught programming skills using C# based software decreasing number of defected or mislabeled products shipped under 2%.
- Created Excel templates using VBA programming and algorithms to automate processes, increasing productivity by 300%.
- Collected data using multiple variables to define, implement, and train employees on how to perform manufacturing processes, resulting in 40% savings on materials and 70% decrease in misapplication.
- Maintained relationships with third party vendors, creating purchase orders of over \$50,000 for specialized equipment.

M. Leys Painting

Owner/ Operator

West Michigan

15+ years

- Oversaw all aspects of business operations for residential painting company including sales, billing, customer management, accounting, estimation, project management, and field application for over 100 clients.
 - Responsible for exceeding client expectations and timelines with 100% client satisfaction.
 - Created Excel templates to develop custom estimation algorithms streamlining the process and eliminating all guesswork.
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EDUCATION

Grand Rapids Community College

Associates of Arts – General Studies

Presidents list – Summer 2020

Deans list – Fall 2020, Fall 2021

Grand Rapids, MI

Summer 2020 – Winter 2022