

# Morgan Clarke

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## Software Developer

- Seeking a cutting edge tech stack in a position with growth potential
- Handles stressful situations with patience and the end goal always in mind
- Quickly adaptable to cutting edge technologies and frameworks
- Approaches each problem with a combination of logical understanding and creative flair

## Technical Skills

**Frontend:** React, Javascript, Typescript, Next JS, jQuery Redux, Django, Flask, HTML, CSS Libraries

**Backend:** Python, Node JS, Express JS, C++, RESTful API, Authentication, Sanity IO, Drupal

**DevOps:** Git, Jira, Figma, Agile Development, OOP, MVC, CI/CD, Webpack, Babel, NPM, Yarn, Pip

**Database:** Firebase, MongoDB (NoSQL), PostgreSQL, MySQL, GraphQL

**Mobile Development:** React Native, Swift, Xcode

**Testing:** Pytest, Jest, Mocha

## Related Experience

### Software Developer - Insurasee, Inc.

(March 2024 - July 2024)

Toronto, ON (Remote)

- Implemented business plan for generating property reports for climate anxious clientele as part of small, agile, 2 person startup team.
- Designed and tested MongoDB architecture, back end server, and router system (NodeJS and Express JS) to effectively handle 1000's of climate model data entries from private and public data providers, and push said data through to React front end architecture for consumers.
- Built React pages and components that seamlessly synchronized with back end architecture, with a complex, multi-stage order flow system that reduced inefficient web responsiveness.
- Set up Log4JS Error system through entire codebase so that all errors within software was logged for debugging purposes later.
- Technologies Used: MongoDB, React, Javascript, Node JS, Express, Bootstrap, RESTful API
- Libraries Used: Stripe, React PDF, Log4JS, CORS, Axios

### Audio Engineer - Self Employed

(2018 - 2024)

Toronto, ON, Dallas, TX, New York, NY (Hybrid)

- Small business owner with dedicated clientele providing professional services in all manner of audio production (recording engineer, audio editor, mixing engineer, and live sound engineer).
- Maintained massive set of 100+ software applications, including larger scale (Digital Audio Workstations) and smaller scale (third party plugins), to provide clientele with commercial ready results, often on tight deadlines and with efficient turnaround; 60-75% boost in efficiency for podcast clients.
- Programmed custom software applications (audio plugins in C++) to streamline my personal templates of audio production.
- Release of over 1000 podcast episodes for a large list of varied shows and topics across web and app storefronts; release of over 100 fully produced songs for clients.

## **Communications Coordinator - NYC District Council of Carpenters (2014 - 2018)**

New York, NY (In Office)

- Overhauled front end and back end of new membership website in conjunction with outside company, utilizing the Drupal content management system.
- Regular website maintenance upon deployment, including user authentication system on back end.
- Produced copy for press releases and responses, conference and award speeches, social media, political endorsements, etc.
- Award-winning photography, writing, and newsletter production, wrote long-form and short-form stories for quarterly magazine, and extensive Adobe Suite production.

## **Education**

**Full Stack Web Development Certificate:** University of Toronto, Toronto ON (Completed Feb 2024)

An intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, jQuery, Bootstrap, Node JS, MySQL, NoSQL, MongoDB, Express JS, Handlebars, and React/Redux.

**Python Developer Micro-Credential:** Sheridan College, Mississauga, ON (Completion Nov 2024)

Continuing studies certification in Python programming language covering 3 courses: Introduction to Python Programming, Building and Testing Python Applications, and Python Web Development.

**Bachelors of Arts, English:** University of Oklahoma, Norman, OK

Undergraduate degree focused on Classics: Literature, Philosophy, and History. Member of Pride of Oklahoma Drumline, Boheme Student Theatre Troupe, Sigma Phi Epsilon fraternity.

## **Software Examples**

### **Insurasee | Deployment | Github (Private)**

Property risk report for common climate disasters // React, MongoDB, NodeJS, Express, RESTful API

### **Math Mastery Blueprint | Deployment | Github**

Marketing website for client // HTML, CSS, JS

### **Personal Portfolio | Deployment | Github**

React website to showcase software samples // React, MUI, Bootstrap, Vite, Animate CSS, Email JS

### **What's Up Doc? | Deployment | Github**

MERN stack application for medical setting // React, MongoDB, NodeJS, Express, GraphQL, Tailwind, Bcrypt

### **Literature Blog | Deployment | Github**

Blog for literary quotes // Python, Django, Pytest, Pip, PostgreSQL

### **Anyway Here's Wonderwall | Deployment | Github**

90's Music Database // Handlebars, MySQL, NodeJS, Express, Bootstrap, RESTful API

### **Leftover Lover | Deployment | Github**

Ingredient searcher to help make dinner // HTML, CSS, JS, RESTful API

### **Weather Dashboard | Deployment | Github**

Web app for weather updates // HTML, CSS, JS, RESTful API

### **Online Learning Resource Samples Hackerrank freeCodeCamp**