

# Ernest E. Jones Jr

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## EDUCATION

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### Michigan State University

Full-Stack Coding Bootcamp

Lansing, Michigan

Graduation, March 2024

- o **Concentrations:** Building Full-Stack, Front-End, and Back-End Applications.

## PROJECTS

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### Techlines (Tech Blog App, Fullstack)

Web application

Jan 2024

- Utilized Node.js, Using GET, POST, DELETE Routes for backend retrieval For users, comments, Blogs
- Routes are protected from unauthorized use via custom authentication middleware
- Model layer of MVC architecture implemented with sequelize as ORM, and MYSQL, as RDBMS. Manages persistent storage of user, comment and blog records.
- Style by Bootstrap, structure by HTML; layouts, templates, and partials by HandleBars.
- Features: Write and publish blog posts, leave comments, and view author profiles!
- User authentication with login, logout, and free unlimited retries for forgetful people

[GITHUB](#)

### SlApII ( Social Media web application, Fullstack), (Group project)

Web application

Jan 2024

- Employed Node.js, Using GET, POST, DELETE Routes for backend retrieval For users, comments, Posts.
- Routes are protected from unauthorized use via custom authentication middleware
- Features: Can give ratings on post, average user rating on profile, write and publish posts, user chat box, and view creator profiles!
- User authentication with login, logout.
- Style by Bootstrap, structure by HTML; layouts, templates, and partials by HandleBars.
- Model layer of MVC architecture implemented with sequelize as ORM, and MYSQL, as RDBMS. Manages persistent storage of user, comment and blog records.
- Git for group collaboration!

[GITHUB](#)

### Weather Application(Front-End)

Web application

Jan 2024

- Utilized Openweather map API with Fetch calls to get Live weather information and a 5 day Forecast! Each card has an icon, temperature, humidity, time, and wind speed. Has localStorage for the last search on the page!
- Applied bootstrap with HTML, and CSS to create cards and to style formatting on page. JavaScript for front end interaction

[GITHUB](#)

### E-commerce(Backend)

Backend application

Jan 2024

- Created an Express.js API to utilize Sequelize to interact with a MySQL Database
- Using PUT, POST, GET, DELETE Routes to display Backend information such as (Product, Categories, Price)
- Utilized Insomnia to test GET, PUT, POST, And DELETE Routes

[GITHUB](#)

## ACTIVITIES AND LEADERSHIP

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### Reeths-Puffer HIGH SCHOOL

AP Computer Science

Muskegon, Michigan

Aug 2022 – June 2023

### Misunderstood Clothing Brand

Owner/Founder

Muskegon, Michigan

June 2023 – Current

- Owner of a Clothing brand, scaled about \$10,000 within a few months. Learning, managing, and growing a business.

## SKILLS

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**Programming:** Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, Express.js,

**Tools:** Visual studio code, Git, Bootstrap, Agile, MongoDB, Insomnia, HandleBars, jQuery