

# LUKAS MAI

## Web Developer

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## ACCOMPLISHMENTS

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### INVENTORY MANAGER

#### Web application

[bit.ly/inv\\_tracker](https://bit.ly/inv_tracker)

- Built a RESTful API in Node.js to manage business inventory, securing endpoints with JWT authentication
  - Created 10 secured endpoints for CRUD operations on 5 inventory resources
  - Issued JWT tokens to authorized users, enabling remote access to inventory data
- Developed a React dashboard with custom forms and data tables for user to view and modify inventory levels for 200 stock keeping units
- Architected a scalable API using NoSQL database to accommodate future growth. - Integrated API with MongoDB database to persist inventory documents
  - Designed API to facilitate porting to another database with minimal refactoring

### FELIX FURNITURE

#### E-Commerce Website

[bit.ly/felixcenter](https://bit.ly/felixcenter)

- Developed an e-commerce catalog accessing product APIs
  - Integrated APIs using Node.js SDKs to retrieve SKUs
  - Maintained 99.9% API up time, improving customer experience
- Built a web storefront in React displaying product catalog and merchandising features
  - Created product pages allowing customers to view specifications and reviews
  - Integrated with Stripe API to securely process online payments

### BLUES LOUNGE

#### Point-of-sale Web application

[bit.ly/blueslounge](https://bit.ly/blueslounge)

- Built RESTful API in Node.js handling customer orders
- Created intuitive React/Tailwind React POS interface allowing employees to efficiently process invoices for 50 SKUs
- Integrated with Stripe API to securely authorize payments

## EDUCATION

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### PELLISSIPPI COMMUNITY COLLEGE

*Associate of Science, Computer Science, GPA 3.5*

Knoxville, TN

2022-2023

## TECHNICAL EXPERIENCE

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- Languages: JavaScript, Typescript, HTML, CSS
- Frameworks & Tools: React, Redux, Node, Express
- Database: MongoDB, MySQL, GraphQL
- Certifications: Back-end Development & API, Graph Developer