

Michael Testut

Full Stack Software Engineer

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Summary

Full Stack Developer specializing in scalable MERN applications. Built a production-ready e-commerce platform with authentication, payments, and admin tooling. Focused on performance, UX, and real-world functionality.

Technical Skills

JavaScript, TypeScript, React, Python, Redux, Node.js, Express, MongoDB, Firebase, Stripe API, AWS, HTML, CSS

Project Experience

Sunset Daydreams – Full Stack E-Commerce App

Deployment: <https://sunset-daydreams.vercel.app/>

Github: <https://github.com/Mike-Testut/SunsetDaydreams-ECommerceStore>

React, Redux, Node.js, Express, MongoDB, Stripe, Cloudify, Vercel, Render

- Developed full-stack e-commerce platform supporting product browsing, cart, and checkout
- Implemented JWT authentication with role-based access (admin/user)
- Built admin dashboard for product, order, and inventory management
- Integrated Stripe embedded checkout for secure payments
- Designed dynamic category/subcategory filtering with MongoDB
- Implemented inventory tracking with low-stock alerts
- Built REST APIs for products, users, and orders
- Optimized state management using Redux and RTK Query
- Deployed full-stack app to cloud hosting platforms
- Handled 50+ products and scalable data structure for future growth
- Reduced redundant API calls with RTK Query caching patterns
- Supports guest checkout and authenticated user flows

Education

Coding Dojo – Full Stack Web Development Bootcamp