

# Andrew Johnson

Full Stack Developer Applicant | Savannah, TX

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## Skills:

- **Backend Development:** Proven experience in backend development with a focus on Node.js.
- **Frontend Development:** Over one year of hands-on experience in frontend development.
- **Programming & Frameworks:** Strong proficiency in Node.js, Express.js.
- **Database Management:** SQL databases PostgreSQL (MongoDB).
- **API Development:** Knowledge of RESTful API design principles and best practices.
- Familiarity with version control systems (e.g., Git).
- **Version Control:** Proficient in Git and GitHub for code collaboration.
- Strong proficiency in Node.js.
- **Code Quality & Optimization:** Ability to write clean, maintainable, and efficient code.
- **Problem-Solving & Collaboration:** Excellent problem-solving skills, attention to detail, and teamwork.
- **Version Control:** Git, GitHub
- **Design Principles & Web Aesthetics-** UI/UX Design, Web Design, Wireframing, Mockups
- **Cross-Browser & Accessibility Standards-** Cross-Browser Compatibility, Web Content Accessibility, Typography & Responsive Design
- **Additional Technologies:** TypeScript, ReactJS, React Native, JSON, WebSocket's, Figma (Interface Design & Prototyping)

## Education

**Middle Georgia State University** - Bachelor's Degree in Information Technology -concentration in Software Engineering , **Macon, GA.**

## Projects

**Dog Store Full Stack E-COMMERCE Web App w Admin Panel (April 2025) MongoDB, Express & Node js, React, React lucide library | [Link To Project](#)**

Developed a Dog store web app to purchase different breeds of dogs and sizes. User is able to register, login for with the user authentication. Orders history feature for user. Website URL dynamically updates search query. User is able to post review, & filter based off rating and username and contains pagination on review section. Admin portal display available.

- SidebarCart component-Context API Integration
- **Category Filters, Subcategory Filters, Brand Filters, Size Filters, Discount & Deals Filters, Price Range Filters, Sort Filters:**
- **Google Pay & Stripe Payment Intergration && Scroll-to-Top Button Implementation**
- State Management, Input Validation & Data Sanitization, Secure Payment Handling
- Muti Select Dropdown | Image Zoom Feature | Hover Navbar Sticky Dropdown

- **Button Spinner** - creates a circular spinning animation to a spinner when buttonSpinner is true.

### **Full Stack E-COMMERCE Shoe Store Web / Mobile App Project (March 2025) MongoDB, Express & Node js, React, React lucide library | [Link to Project](#)**

Developed a secure full-stack shoe store e-commerce application with MongoDB, Node.js, and React, implementing JWT authentication, bcrypt password hashing, secure cookie storage, Stipe Payment Integration, user authentication, product display , cart, order checkout to enhance security and user experience.

- Environment Variables Protection
- Rate Limiting & Brute Force Protection-Tracks failed login attempts and locks users out after 10 incorrect tries, preventing brute-force attacks, enforces a **15-minute lockout period** after repeated failed attempts.
- Duplicate Account Prevention-Checks if an email already exists in the database before allowing user registration, preventing duplicate accounts.
- Password Hashing- Utilizes bcrypt to hash passwords before storing them in the database, enhancing security against password leaks.
- JWT Authentication – Utilizes bcrypt to hash passwords before storing them in the database, enhancing security against password leaks, Sets tokens as **HTTP-only cookies**, preventing client-side JavaScript access and reducing the risk of XSS attacks.
- Cart Functionality- Validates if size and color are selected & added selected product
- Payment Form Handling- Stripe Elements to render a payment form
- Error Handling & Logging – Implements structured error handling to prevent sensitive data leaks in API responses while logging errors for debugging
- Mobile user design friendly.

### **React Native University Start Up Mobile App Project (Dec 24-Jan 25) –React Native, Pagination, image Slideshow, Navigation Container | [Link to Project](#)**

Developed a website to enhance a demo university start up mobile app for users to experience topics like articles on important topics, latest news, student form registration & feedback to the staff members. Contains Animation, Pagination to re-route user, & Image Slideshow about campus.

- Integrated dynamic article search functionality with filtering capabilities, enabling users to search and view articles with summaries and images | pagination system for seamless navigation between app screens | **image carousel** for visually engaging content
- Built reusable components like headers, footers, and navigation bars to streamline development and maintain consistency across screens & , visually appealing.
- User feedback responses and contact form validation to submit on campus.