Angular and Spring Boot E-commerce App Experience

Resume

 **Backend Development with Spring Boot**: Set up MySQL database tables and created a Spring Boot starter project to develop entities (Product and ProductCategory), and REST APIs with Spring Data JPA, ensuring secure CRUD operations by disabling POST, PUT, and DELETE HTTP methods.

 **Frontend Development with Angular**: Developed Angular components and services to interact with Spring Boot REST APIs, displaying product data dynamically in HTML tables and grids, and implemented pagination to enhance user experience.

 **Product Search and Filtering**: Integrated Angular routes and components to support product searches by category and keywords, enabling users to find products quickly. Enhanced backend repositories to support these search functionalities.

 **Shopping Cart Implementation**: Created Angular components and services for managing shopping cart operations, including adding, removing, and updating cart items, and displaying the cart status. Developed a checkout form with validation and reactive form controls.

 **User Authentication and Authorization**: Integrated Okta for secure user login and logout functionalities, protecting specific routes and components, and managing user sessions to ensure data privacy and security.

 **Order Management**: Developed backend services and controllers for processing orders, generating tracking numbers, and saving order details in the database. Implemented frontend components to display order history and manage order status securely.