Aman Mahish

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Education

Kingston School of Management & Science   **2021 - 2024**
BCA in Computer Applications   *7.99/10 CGPA*

Currently Pursuing MCA (2024 Batch)   **2024 - Present**
Master of Computer Applications

Projects

Gaming-Store : Gaming Store (React, Node.js, MongoDB)   Source Code — Live Demo

- Built with **React** for the frontend and **Node.js** for authentication, form handling, and server-side logic.
- Uses **MongoDB** as the primary database for products, users, and subscriptions.
- **Stripe** payments are integrated for subscription-based purchases and payment processing.
- Includes a full-featured **Admin Panel** where admins can manage users, orders, subscriptions, and product data.
- Game data is fetched from an external **Gaming API**; each game card links to a detailed page showing genre, description, and metadata.
- Supports user subscriptions and backend permission controls; admins can grant or revoke user permissions.
- User passwords are stored with end-to-end encryption and best-practice hashing for security.
- After successful payment, a PDF receipt/invoice is generated (via Stripe/webhooks) containing payment details.
- Games are categorized by genre — users can browse categories and view complete game details by clicking game cards.
- Note: The linked demo is a **frontend showcase** hosted on Vercel; backend is deployed but may sleep due to free-tier hosting.

E-Store : E-commerce Store (React, Redux, TanStack Query)   Source Code

- Built with **React**, **Redux** and **TanStack Query** for efficient state and server-state management.
- **Firebase** as the backend: Realtime / Firestore for product and order data; implements **Firebase Authentication** including Google Sign-In.
- Includes an **Admin Management Panel** for product CRUD, order management and user administration.
- Order summary, cart management, and product catalog with search and filters.
- **Stripe** payments integrated: Node.js backend handles Stripe payment intents and secure server-side operations.
- Styled using **Tailwind CSS** for a modern, responsive UI.
- Focus on production-ready features: authentication, admin controls, payments, and scalable data flows.

Technical Skills

Languages: C, C++, JavaScript, Python
Backend: Node.js, Express.js
Frontend: React, TailwindCSS, HTML, CSS, Bootstrap
Cloud & Databases: MongoDB, Firebase
Developer Tools: Postman, VS Code, GitHub

Certificates

IBM Career Education Program   **October 2024**
Issued by IBM Cognitive Class

- Frontend Technology.