**Project Design Phase**

**Solution Architecture**

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| **Date** | 18 February 2026 |
| **Team ID** | LTVIP2026TMIDS83223 |
| **Project Name** | Shopez-one stop shop for Online Products |
| **Maximum Marks** | 4 Marks |

**Solution Architecture:**

The architecture organizes the system into frontend, backend, database, and external services. The frontend (React.js) handles user interaction. The backend (Node.js & Express.js) manages APIs, authentication, product management, cart, and order processing. The database (MongoDB) stores users, products, carts, and orders securely.

**Solution Architecture Diagram:**

