Shopwear – Node.js + Express + MongoDB Application

This is a simple Node.js and Express web application that connects to a MongoDB database. It allows inserting and retrieving documents — ideal for small e-commerce, logging, or testing cloud DB connections.

# Technologies Used

- Node.js  
- Express.js  
- MongoDB (via MongoDB Atlas)  
- Mongoose  
- Heroku  
- Git & GitHub

# Features

- Connects to MongoDB Atlas (cloud-hosted)  
- REST API for inserting and retrieving test data  
- Uses `.env` for secure configuration  
- Deployed live on Heroku

# Folder Structure

shopwear/  
│  
├── index.js # Main server file  
├── .env # Environment variables  
├── Procfile # Heroku start command  
├── package.json # Node dependencies  
└── README.md # Project documentation

# Installation

1. Clone the repository:  
git clone https://github.com/your-username/shopwear.git  
cd shopwear  
  
2. Install dependencies:  
npm install  
  
3. Create a `.env` file and add:  
MONGODB\_URI=your-mongodb-atlas-uri  
PORT=3000

# Running Locally

node index.js  
Visit http://localhost:3000

# Deployment (Heroku)

1. Login to Heroku:  
heroku login  
  
2. Create Heroku app:  
heroku create shopwear-tchere  
  
3. Set MongoDB URI:  
heroku config:set MONGODB\_URI=your-mongodb-atlas-uri  
  
4. Push code:  
git push heroku main  
  
5. Open app:  
heroku open

# Live Demo

https://shopwear-tchere.herokuapp.com

# API Endpoints

POST /insert  
Inserts a sample document:  
{  
 "test": "Hello, MongoDB!"  
}  
  
GET /data  
Returns all inserted documents from the database.

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# Notes

This project is part of a class assignment and deployed for demonstration purposes.  
Feel free to clone and build on top of this template.