


## Education

**CHARUSAT UNIVERSITY**

Bsc It

## Contact

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## Skills

- UI | Ux
- HTML 5
- CSS 3
- Javascript
- Java
- C#
- .NET
- Android
- IOT

## Language

- English
- Hindi
- Gujarati

# Daksh Patel

Software Developer

## About Me

A skilled Frontend and Java Developer with expertise in Java , React , HTML, CSS, JavaScript, Tailwind CSS, .NET, C#, Android, Iot, and, Passionate about crafting intuitive and responsive user interfaces while ensuring seamless functionality. Proficient in building scalable web applications with clean, maintainable code. Currently expanding expertise in UI | Ux designing to enhance dynamic and interactive web experiences. Dedicated to staying updated with the latest industry trends and best practices to deliver high-quality, performance-driven solutions.

## Work/Projects

### E-shopper the shopping web application

**HTML | SQL Server | Javascript | Css | Php**

- User-Friendly Shopping Experience
- Secure User Authentication
- Product Management System
- Animated Order Processing & Checkout
- Payment Gateway Integration

## Other Skills

- Graphics Design
- Logo Creations
- Logo Animations
- Video Editing
- AD Creations



# Work/Projects

## MovieVerse – Modern Movie Streaming Website

**HTML | CSS | React.js | Fire base**

- Secure User Authentication
- Responsive and Mobile-Friendly UI
- Detailed Movie Pages with Ratings and Trailers
- Sleek and Modern Design with Interactive Elements
- Smooth Navigation and Component-Based Architecture
- Categorized Movie Sections (Trending, Top Rated, New Releases)



# Work/Projects

### **Adaptive Sync Wear Jacket — IoT-Enabled Temperature-Adaptive Smart Jacket**

Technologies Used: Arduino Uno / ESP32 | Bluetooth (HC-05 / BLE) | DHT11 / DS18B20 Temperature Sensor | Relay Module | Android (Kotlin/Java) | Firebase

#### **Smart Temperature Control via Mobile App**

Adjust the internal temperature of your jacket instantly using a custom-built mobile app—heat or cool as needed.

#### **Heating System (Nichrome Wire / Carbon Fiber Pads)**

The jacket integrates nichrome heating wires or carbon fiber heating pads, powered by a controlled circuit, which heat up when electricity is passed through, delivering safe, consistent warmth across the body zones.

#### **Cooling System (TEC1-12706 Peltier Modules + Heat Sink + Fan)**

For cooling, Peltier thermoelectric cooling modules are embedded inside with aluminum heat sinks and micro fans to dissipate internal heat, creating a cool and breathable sensation inside the jacket.

#### **Real-Time Sensor Feedback**

Environmental sensors detect outside temperature and adjust jacket temperature accordingly using logic in the microcontroller.

#### **Bluetooth-Based Communication**

The system communicates with the Android app via HC-05 / BLE, allowing users to set custom modes or activate auto-sync mode.

#### **Custom Profiles & Presets**

Save your favorite temperature settings for quick access (e.g., Winter Mode, Trekking Mode, Urban Commute Mode).

#### **Fashion-Integrated Tech**

All components are safely insulated and embedded in fabric compartments without compromising style and comfort.

#### **Power Management System**

Powered by a rechargeable Li-ion battery pack, with smart current control via relay/transistor modules to prevent overheating or battery drain.

#### **Emergency Features**

Built-in SOS button on the app sends alerts and triggers max heating in cold-shock situations.



Note – My all figma projects are shown at my portfolio please visit there

**Portfolio Link :** <https://daksh-pokar.github.io/portfolio/>