SATYAM BARANWAL

FULL STACK MERN DEVELOPER

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Surat, India
Er. Satyam Baranwal
Satyam Portfolio

ABOUT ME

MERN Stack Developer with **3.5+** years of experience in building high-performance web applications. Expert in **Next.js**, **React.js**, **Node.js**, **Express.js**, and **MongoDB**, with a strong focus on dynamic front-end and scalable back-end solutions. Skilled in integrating RESTful APIs (HTTP) and MQTT (TCP) for seamless hardware data management, optimizing real-time dashboards for efficiency and reliability.

TECH SKILLS

- React js
- Node js
- Html5
- Javascript
- Rest API
- MQTT
- Github
- Basic Django
- MicroServices Structure

- Express js
- MongoDB
- CSS3
- JQuery
- SEO
- Kuzzles
- Basic Python
- CI - CD Pipeline

SOFT SKILLS

- Fast Learning Ability
- Logical Ability
- Leadership
- Adaptability
- Greate Time Management Skills

LANGUAGES

English   Hindi   Gujarati

EDUCATION

INTERMEDIATE
AKHILESH INTER COLLEGE
April, 2017 - March, 2018

BACHELOR OF TECHNOLOGY
M.G. INSTITUTE OF MANAGEMENT AND TECHNOLOGY (AKTU)
May, 2018 - June, 2022

EXPERIENCE

REACT FRONTEND DEVELOPER
AAVRTI TECHNOLOGY
April, 2022 - October, 2022

FULL STACK MERN DEVELOPER
WAARI WATER PVT. LMTD
Nov, 2022 - Present

PROJECTS

LMS - LOOM MONITORING SYSTEM
FULL-STACK DEVELOPER
[Click Here]

- DEVELOPED A COMPREHENSIVE LOOM MONITORING SYSTEM, MANAGING BOTH FRONT-END AND BACK-END ASPECTS. IMPLEMENTED FEATURES FOR REAL-TIME LOOM DATA TRACKING, PRODUCTION ANALYSIS, AND PERFORMANCE REPORTING. UTILIZED [REACT, NODE.JS, EXPRESS JS , MONGODB] TO ENSURE A SEAMLESS AND RESPONSIVE USER EXPERIENCE.

WDS - WEAVING DATA LOGGER SYSTEM
FULL-STACK DEVELOPER
[Click Here]

- WORKED ON THE DEVELOPMENT AND OPTIMIZATION OF THE WEAVING DATA LOGGER SYSTEM, FOCUSING ON EFFICIENT DATA LOGGING, PROCESSING, AND REPORTING. ENSURED SYSTEM ACCURACY AND RELIABILITY USING [REACT, NODE.JS,EXPRESS JS , MONGODB].

IOT SOLUTIONS
FULL-STACK DEVELOPER
[Click Here]

- DEVELOPED IOT-BASED SOFTWARE SOLUTIONS FOR QUEUE MANAGEMENT, TEMPERATURE MONITORING, AND BLE TRACKING SYSTEMS. INTEGRATED HARDWARE AND SOFTWARE COMPONENTS TO DELIVER EFFICIENT, REAL-TIME MONITORING AND DATA ANALYSIS. UTILIZED [REACT JS, MONGODB ,MQTT, ESP32, PYTHON] TO CREATE SCALABLE AND RELIABLE SYSTEMS.

ELS - ELECTRONIC LABEL SYSTEM
FULL-STACK DEVELOPER

- DESIGNED AND IMPLEMENTED AN ELECTRONIC LABEL SYSTEM (ELS) FOR EFFICIENT STOCK MANAGEMENT IN STORES. AUTOMATED THE CREATION AND MANAGEMENT OF MATERIAL TAGS TO ENHANCE INVENTORY ACCURACY AND STREAMLINE OPERATIONS. USED [REACT JS, MONGODB ,MQTT, ESP32, PYTHON] FOR SYSTEM DEVELOPMENT.

NCS - NURSE CALLING SYSTEM
FULL-STACK DEVELOPER

- DEVELOPED AND DEPLOYED A NURSE CALLING SYSTEM (NCS) FOR HOSPITALS TO IMPROVE PATIENT CARE AND STAFF EFFICIENCY. INTEGRATED IOT DEVICES WITH SOFTWARE INTERFACES TO ENABLE REAL-TIME NURSE NOTIFICATIONS AND TASK MANAGEMENT. UTILIZED [KEY TECHNOLOGIES, E.G., NODE.JS, MQTT, IOT SENSORS] TO BUILD A RELIABLE AND USER-FRIENDLY SYSTEM.

RESONENT.COM - COMPANY WEBSITE
FRONT-END DEVELOPER
[Click Here]

- DESIGNED AND IMPLEMENTED A QUEUE MANAGEMENT SYSTEM (QMS) WITH FEATURES SUCH AS TOKEN GENERATION AND A CALLING SOFTWARE DASHBOARD. ENHANCED CUSTOMER FLOW MANAGEMENT BY INTEGRATING REAL-TIME MONITORING AND EFFICIENT TOKEN HANDLING. UTILIZED [MONGODB , EXPRESS JS , NODE JS , REACT JS , MQTT- TCP PROTOCOL] FOR A SEAMLESS AND INTERACTIVE DASHBOARD INTERFACE.