NIHIR S. (SARTANPARA)

Software Engineer & Systems Builder | sartanparanihir@gmail.com | github.com/nihir-tech

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EDUCATION

Dr. Subhash University (DSU) - B.Tech Information Technology [Currently Pursuing]
OIET-GTU - Diploma in Computer Engineering [Completed]

CORE PROJECTS & SYSTEMS

Hirely - AI Resume Critique & ATS Scoring Engine
Engineered in-browser document parsing evaluating structural clarity, ATS keyword scoring and tailored rewrites.

EdgeTrade - Disciplined Cash-Equity Trading Alert System
Automated scanning bot and dashboard executing disciplined swing-trading filters on NSE equities with Telegram alerts.

Smart Solar Cleaning System - Autonomous Dust Sensing & Dual-Axis Wiper
Embedded IoT system for solar panel output optimization with light detection and thermal safeguards.

Feri - Hands-Free Voice Assistant & Intent Engine
Continuous wake-phrase recognition and OS command execution for hands-free productivity.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C++, HTML/CSS, SQL
Frameworks & Systems: Next.js 15, React, Node.js, Tailwind CSS, Three.js, WebGL, REST APIs, WebSockets
Hardware & Tools: Embedded Microcontrollers, Sensor Telemetry, Git, Linux, Vercel