YASH NAIK

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SKILLS & TECHNOLOGIES

SQL, React.JS, HTML/CSS, JavaScript, PHP, Flask, PowerBI, Tableau, Data Engineering, Figma, Photoshop, C/C++, Java, Python, R Programming, Microsoft office suite, Microsoft Power Point, Microsoft Word

EDUCATION

- **BE in Information Technology Engineering**, Goa College of Engineering (2021 - 2025), Percentage: 74.00
- **Honors in Data Science**, Goa College of Engineering (2022 – 2025)
- **XII** (Goa Board), Shri Shanta Durga higher secondary, Bicholim - Goa (2020-2021), Percentage: 75.00
- **X** (Goa Board), Our lady of Grace high school, Bicholim – Goa (2018-2019), Percentage: 85.33

PROJECTS

- **AI-powered Surveillance and Intrusion Detection for 6 Technical Training Regiment** *(Indian Army)*
  - **Role: Project Member (AI Engineer, IoT Engineer, Web Developer) | Team Size: 3**
  - **Problem Statement:**
    Traditional surveillance systems lack automation, real-time monitoring, and AI-driven authentication, making military border security vulnerable to unauthorized access and intrusions.
  - **Proposed Solutions:**
    - **Two-Factor Authentication:** Implementing **OCR-based ID card scanning and face recognition** for personnel verification.
    - **Intrusion Detection:** Developing an **IoT-driven system** with **YOLOv8** for real- time border surveillance, integrating night-vision capabilities.
    - **Vehicle Authorization:** Using **OCR-based number plate verification** against a secure database.
    - **Technologies Used:** Raspberry Pi, React.JS, Python, YoloV8, Tesseract OCR, HaarCascade Classifier, DeepFace Engine, Flask, Jira.

- **Data-Driven Inventory & Vendor Performance Optimization using SQL, Python & Tableau**
  - **Role: Data Analyst | Team Size: 1**
  - **Problem Statement:**
    Retailers struggle with underperforming vendors, poor inventory turnover, and ineffective bulk purchase planning—leading to profit losses.
  - **Proposed Solutions:**
    - Evaluated vendor and brand performance using sales and profit data
    - Analyzed inventory turnover to flag slow- and fast-moving items
    - Assessed bulk purchase benefits on profitability
    - Built an interactive Tableau dashboard for **KPI visualization**.
  - **Technologies Used:** Tableau, Python (Pandas, NumPy, Matplotlib), SQL (SQLite), Excel

- **KryaAI – SaaS AI Platform for Generative Chatbot and Content Creation.**
  - **Role: Frontend Developer | Team Size: 2**
  - **Problem Statement:**
    Existing AI content generation tools lack a unified platform that integrates multiple AI services for chatbots, image, video, code, and audio generation.
  - **Proposed Solutions:**
    - **User Authentication:** Implemented sign-in & sign-up with **CLERK authentication.**
    - **Generative AI Services:** Integrated **APIs** for image, video, and audio generation (**Replicate AI**) and chatbot & code generation (**Eden AI**).
    - **Technologies Used:** React.JS, Trello, HTML/CSS, Replicate AI, Eden AI

INTERNSHIP

Company: Codanto

Web Developer Intern   **Duration:** July 24 – August 24

- **GiftRight – US-based Charity Donation Platform:**
  US-based charity platform enabling donors to view and donate wishlist items. Included admin tools for managing products and wishlists.
- **Local Governance Platform:**
  Built a notification system for tracking and resolving community-reported issues.
- **Technologies Used:** React.js, SQL, APIs, HTML/CSS, Jira, Figma, Photoshop.

CERTIFICATIONS

- **Deloitte Australia Data Analytics Job Simulation,** Forage job simulations (2025)
- **Data Structure and Algorithms Using Java**, NPTEL Online Certifications, IIT Kharagpur (2023)
- **The Joy of Computing with Python,** NPTEL Online Certifications, IIT Madras (2023)

EXTRACURRICULAR

- **Finalist | Spark-3 Hackathon, HackIndia**   *(March 2025)*
  Built an AI-powered PPT generator using **Gemini Flash 2.0** for content generation and the **PPTX Python library** for slide creation. Built on **React.js and Flask** based web platform.

- **TE Executive | Intensa Council, Goa College of Engineering**   *(2023 - 2024)*
  Have coordinated numerous technical events and played a pivotal role in the technical work in major college events like **Tandav** and **Spectrum**.

- **Designing Team Leader | Spectrum, Goa College of Engineering**   *(March24 - April 24)*
  Led the creation of essential assets such as event brochures, volunteer ID cards, event banners, sponsorship banners, and T-shirt designs for volunteers, coordinators, and council members using **Figma, Photoshop** and **Canva**.

HOBBIES

- Photography, videography, Graphic Designing.

LANGUAGES KNOWN

- English, Hindi, Konkani, Marathi

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