

Elton Xavier Joseph Costa

Margao, Nuvem - Goa. 403601

9604344945

elton02costa@gmail.com

[Github](#)

[Elton costa](#)

[Linkedin](#)

Skills

Database Design | System Design & Analysis | Javascript | Typescript | C | C++ | PHP | Python | HTML | CSS | MongoDB | MySQL | PostgreSQL | NodeJs | React.js | Next.js | Express | Three.js | React3Fibre | flask | AWS | GoogleCloudPlatform | Docker | Figma | Blender | Photoshop | PremierPro | React Native

Work Experience

Club Mahindra Resort, Varca Beach - Goa (Intern)

Network Administrator/IT technician

March 2022

- Managed and administered hotel guest wireless networks for smooth operation.
- Replaced faulty equipment promptly to maintain uninterrupted service.
- Ensured daily operations remained uninterrupted by addressing any issues promptly.

Hexcoderz, Vasco da Gama - Goa (Intern)

Project leader

September 2021

- Mastered UI/UX fundamentals, Figma, HTML, CSS, and JavaScript.
- Redesigned and implemented the official website for Agnel Polytechnic Verna.
- Ensured the website's user experience was intuitive and engaging.

Projects

LeafSync

- Developed a SQL database management tool using MySQL.js library in JavaScript.
- Achieved efficient CPU usage (0.3%) and optimized RAM usage (30-90MB) for enhanced performance.
- Utilized React.js for dynamic rendering and state-dependent views, ensuring a seamless user experience.
- Incorporated an in-built terminal for running SQL queries, enhancing user convenience and functionality.

Personal Image Storage

- Developed a CDN using the imgBB service for storing and retrieving media links.
- Enabled image/gif sharing and loading for users through the CDN.
- Implemented functionality where upon upload, the link to the file is returned to the user.
- Stored file information for easy retrieval and management within the CDN.

Digit Classifier using Machine Learning

- Implemented a digit classifier utilizing a trained AI model on a Flask server.
- Integrated the Flask server with a React frontend featuring a drawing canvas for user input.
- Trained the AI model on a custom dataset tailored for digit classification.

- Ensured seamless communication between the frontend and backend for real-time digit recognition.
- Enabled users to draw digits on the canvas, with the AI model predicting the drawn digit accurately.

API (MISTRAL) LLM running on local-CPU

Contributed to <https://github.com/katanaml/llm-mistral-invoice-cpu> (OpenSource)

- Integrated MISTRAL LLM via API to streamline communication with other libraries.
- Enhanced accessibility and ease of use by replacing CLI (Command Line Interface) with API.
- Facilitated cross-platform integration and asynchronous operations through the API.
- Improved user experience by enabling asynchronous operations and cross-platform compatibility.

Education

Bachelor's Degree in Computer Engineering

Don Bosco College of Engineering

2025

Diploma in Computer Engineering

Agnel Polytechnic Verna

2022

Volunteer Experience

Incarnate (Event- leader)

- Spearheaded a successful art competition as the leader of the department, encouraging past participants to join and fostering a sense of community.
- Implemented streamlined organization and efficient registration tracking systems to ensure smooth operations throughout the event.
- Demonstrated leadership skills in coordinating the event and fostering a positive and engaging environment for participants and judges alike.

Kshitij (Event- Volunteer)

- Led the conceptualization, filming, and editing of captivating videos highlighting the essence and creativity of the Mechanical Department.
- Secured features for the videos on the college website, enhancing the visibility and reputation of the department.
- Collaborated with team members and departmental stakeholders to accurately represent the department's ethos and accomplishments.