

JOSEPH CIJO

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EXPERIENCE

Intern Aug. 2025 – Jan. 2026
Al Shirawi Equipment Co. LLC Dubai, UAE

- Assisted Lean CoE activities, including creating an automated Oil and Gas newsletter
- Developed Project Management KPI and RFQ Management dashboards using Google Looker Studio

Microprocessors and Interfacing Laboratory Professional Assistant Feb. 2025 – May. 2025
Birla Institute of Technology and Sciences, Pilani Dubai, UAE

- Assisted in the Microprocessors and Interfacing Laboratory, providing support to students during lab sessions
- Facilitated the understanding of microprocessor concepts and interfacing techniques

Summer Intern June 2024 – Aug. 2024
Veehive Dubai, UAE

- Led the Front-end Team to simultaneously develop an application interface alongside a product website
- Coordinated in a cross-functional team environment, collaborating with middleware and backend developers

EDUCATION

Birla Institute of Technology and Sciences, Pilani Dubai, UAE
Bachelor of Engineering in Computer Science Sept. 2022 – Present

PROJECTS

Janus Browser | *Python, Streamlit, Pandas* Feb. 2026 – Present

- A Comprehensive Database and Visualization Tool for Human Transcription Factors

Multi-Domain Inconsistency Framework | *Python, Scikit-Learn, PyTorch, Matplotlib* Mar. 2026 – Present

- Implemented a multi-domain inconsistency framework for detecting and analyzing inconsistencies across different domains
- Utilized Scikit-Learn and PyTorch for model development and training

Portfolio Website | *React, TypeScript, CSS, Axios* June 2025 – Present

- Developed a personal portfolio website to showcase projects and skills
- Implemented a responsive design using React and TypeScript, ensuring compatibility across devices
- Integrated Unsplash API for dynamic image loading and Axios for API requests

OilGas-Wire | *Cloud Run, BigQuery, Google Apps Script, Google Sheet* Aug. 2025 – Sept. 2025

- Created an automated newsletter for the Oil and Gas industry, utilizing Google Apps Script to fetch data from various RSS/Atom Feeds and populate a Google Sheet
- Deployed the analytics pipeline on Google Cloud Run, ensuring scalability and reliability

Font Detection App: Frontend and Model | *Python, Streamlit, PyTorch, Matplotlib, Pillow* Aug. 2024 – Oct. 2024

- Created a web application interface for font recognition, allowing users to upload and crop images
- Implemented data preprocessing and integration of the trained CNN model into the web application
- Created a custom dataset of 167 typefaces, including data augmentation techniques
- Conducted thorough research on typeface classification and its applications in various industries
- Analyzed and evaluated model performance using metrics such as accuracy, loss, and confusion matrices

pBee.ai | *React, TypeScript, Tailwind CSS, Formik, Axios, Amazon Web Services* June 2024 – Aug. 2024

- Developed a web application for pBee.ai, an AI-powered poster generation tool
- Implemented key features such as user authentication, file uploads, and real-time chat functionality
- Created wireframes and prototypes using Figma for the pBee.ai application
- Utilized Framer to develop a responsive landing page

EXPERTISE

Languages: Java, Python, MySQL, C, JavaScript/TypeScript, HTML/CSS, \LaTeX , Markdown

Frameworks: Astro, React, NextJS, Node.js, ExpressJS, TailwindCSS, Ros2, Streamlit

Libraries: Pandas, NumPy Matplotlib, ScikitLearn, PyTorch Pillow (PIL), OpenCV, YOLO

Developer Tools: Git, GitHub, Docker, Jupyter, Linux, Google Looker Studio, VS Code, Vercel, Kaggle, Google Cloud, Postman API, MongoDB, Redis, Prisma, Google BigQuery, Conda

Tools: AutoCad, Microsoft Office Suite, Google Workspace, Adobe Illustrator, Adobe Photoshop, Blender

OTHER SKILLS

Soft Skills: Leadership, Problem Solving, Adaptability, Creativity, Time Management, Critical Thinking, Research

General Skills: Driving, Photography