

Jess John

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TECHNICAL SKILLS

- **Languages:** C/C++, Python, Javascript, Java.
- **Development Frameworks:** AstroJS, ExpressJS, ReactJS, NodeJS, Bootstrap, TailwindCSS, HTML5.
- **App Development:** Flutter, Unity engine.
- **Databases:** MySQL.
- **Tools:** VS code, Git/Github, Figma, Azure.

EDUCATION

Bachelor of Engineering in Computer Engineering

2021 - 2025

University of Mumbai, [8.7 CGPA (Agg.)]

- Google Student Developer Club (GDSC) - DBIT, App Expert (2023-24), taught and led Android development using Flutter for the Google solution challenge 2024.
- Association of Computing Machinery (ACM) - Technical Team (2022-23), **Maintained** Shelter Don Bosco (NGO)'s website by editing one page to enhance content and user experience.
- Took part in NSS activities for **2 years**.

WORK EXPERIENCE

Sakhya-Women's Guidance Cell | Website Developer Intern Nov 2023 – March 2024

- Developed the official website for Sakhya-Women's Guidance Cell, **boosting community outreach by 50%** and reaching **1000+ audiences**.
- Designed and implemented the website using **Figma** and **AstroJS**, ensuring a user-friendly interface.

Sacred Heart School, Kalyan | Website Developer Intern Dec 2023 – March 2024

- Played a key role in developing their official website, ensuring a professional online presence.
- Designed and developed advanced **AstroJS components**, creating **responsive web pages**.
- Played an integral role in the development, design, and deployment of the website alongside a **6-member team**.

PROJECTS

EfficientNetB1 Model for cancer detection using biopsy images

- Developed a **CNN model using TensorFlow and EfficientNetB1**, achieving **99% accuracy** in classifying Adenocarcinoma and Squamous cell carcinoma from histopathological lung biopsy images.
- **Compared 3 pre-trained models** for performance evaluation and integrated a **Gradio-based GUI** for predictions and metrics visualisation.
- **Tools:** Python, Tensorflow, Keras, Pandas, Numpy, Scikit-learn.

Google Maps Lead Scraper

- Developed a **Lead Scraper to automate lead generation**, extracting business details with **CSV export**, enhancing efficiency and accuracy in lead collection for **business sales teams**.
- **Tools:** Selenium, Streamlit.

ResumeWorth - An AI-powered Resume Market Value Estimator

- Developed an AI-powered tool that estimates resume market value in INR, leveraging Google's Generative AI for detailed resume analysis and personalised insights.
- **Tools:** Streamlit, PyPDF2, Google Generative AI.

Circle Smash

- Developed a **2D mobile game with 160+ downloads** and **4.9/5 rating** on playstore.
- Won the **'Best Game Concept'** award at Teknack 2024 (DBIT's annual gaming event).
- **Tools:** Unity Engine, Adobe Illustrator.

Redlife - A blood bank management system

- A system that enables blood donors and blood banks to **register and log in** to the system.
- It allows donors to use the **Google Maps API** and **open-source geocoding API** to locate nearby blood banks.
- **Tools:** ExpressJS, MySQL, Handlebars.

CERTIFICATIONS

- **Developing Back-end apps with Node.js and Express** Coursera - IBM
- **Advanced Learning Algorithms** Coursera - Stanford University
- **Machine Learning** Coursera - Stanford University