

JAGANATH M.

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Bangalore, IN

EDUCATION

KNS Institute of Technology | [Link](#)

B.Tech in Artificial Intelligence & Machine Learning

Bangalore, India

2021 – 2025

WORK EXPERIENCE

Self Employed | FutureDroid_Ai | [Link](#)

Apr 2021 – Present

- Developed and deployed **8+ Android applications** for real-world users; actively building and maintaining multiple projects.
- Started building apps in **1st year of engineering**, focusing on solving real student and user problems; began publishing apps from **7th semester** onward.
- Integrated cloud technologies like **Firebase** (Auth, Realtime DB, Firestore, Storage) and **Google Cloud** for scalable, data-driven app experiences.
- Implemented features like **file handling, user interactions, real-time updates, and offline support** across different apps.
- Continuously improving app UI/UX, performance, and accessibility to deliver practical solutions at scale.
- How My APPS Works. [Link](#)

BangaluruRides – Cab Rental Web App | Personal Project for Family Business | [Link](#)

June 2024 – Apr 2025

- Built a full-stack application using ReactJS, Node.js, and Firebase for cab booking, cancellation, and tracking.
- Designed and implemented fare calculation and order management to streamline operations.
- Supported my father's and associates' cab services, enabling easier customer acquisition and scheduling.

FinHub – Stock Market Dashboard | [Link](#)

June 2024 – Apr 2025

- Developed a React-based dashboard integrating financial APIs to deliver live market data and interactive charts.
- Designed features for portfolio tracking and stock trend analysis to support informed investment decisions.
- Project paused during college due to competitive market landscape and lack of team/investor support.

Sales and Operations Coordinator | INFINITI Inc | [Link](#)

Dec 2020 – Dec 2021

- Managed sales through offline & online channels like Flipkart, Amazon.
- Used Zoho Books and Excel for payment processing, invoices, and inventory.
- Coordinated goods transport and acted as liaison between customers and vendors. (Worked to save funds for further education before pursuing AI/ML studies; cleared CET and secured admission at KNSIT.)

INTERNSHIPS

Wadhwani | [Link](#)

Oct 2024 - Jan 2025

- Strengthened communication, emotional intelligence, and leadership skills for personal professional growth.
- Gained practical exposure to CRM, AI, IoT, digital marketing, and career advancement techniques.

Global Core Tech | [Link](#)

Oct 2023 - Nov 2023

- Worked on the 'Order Prediction' ML project.
- Utilized data science methods to derive insights and improve forecasting.

- Completed a 4-week internship as a first-year student.
- Worked with tools such as MIT App Inventor, TinkerCAD, Python, Arduino IDE.
- Gained experience in Robotics and Firebase integration.

PROJECTS

Image-to-Speech GenAI Tool Using LLM | 8th sem | [Link](#)
Oct 2024 – May 2025

- AI-powered tool that converts images into short audio stories.
- Combines image captioning, story generation, and text-to-speech in one pipeline.
- Uses Hugging Face (BLIP, VITS), Gemini API, and LangChain for integration.
- Deployed on Streamlit and Hugging Face Spaces for easy user access.

Recommendation System – Similarity Metrics Analysis | 6th sem | [Link](#)
2024

- Developed a collaborative filtering system to predict user preferences from historical data.
- Compared similarity metrics (Cosine, Pearson, Jaccard, Euclidean) for impact on accuracy.
- Identified optimal methods for various data scenarios through evaluation and analysis.
- Strengthened skills in recommender systems and data-driven decision making.

Helmet Detection System Using Deep Learning | 4th sem | [Link](#)
2023

- Built a real-time helmet detection system using YOLO (v3/v4/v5) and CNNs for industrial safety monitoring.
- Ensured high accuracy under poor lighting, occlusions, and varying angles.
- Deployed lightweight models on edge devices for fast, reliable inference.
- Improved compliance and safety through automated visual monitoring.

Criminal Database Management System (Python Desktop Application) | 2nd sem | [Link](#)
2022

- Created a Python-based desktop app with Tkinter for managing criminal records.
- Integrated full CRUD operations with a clean, intuitive GUI.
- Used SQLite3 for secure, efficient local database storage.
- Simulated real-world data management with a focus on usability and performance.

SKILLS SUMMARY

Development: Android/IOS App Development, Web App, Full-Stack Development, Firebase Integration, API Integration Google Cloud Functions, Architecture, Reverse Engineering.

Tools & Technologies: Android Studio, Flutter, Expo, Capacitor, Pycharm, VS Code, Git & GitHub, Firebase (Firestore, Realtime DB, Auth, Storage), Google Cloud Platform, Jupyter, jetpack compose, vite.js, next.js, Notebook, Power BI, Zoho Books, Microsoft Office 365, AI Tools, AutoML.

Data & AI: Machine Learning, Deep Learning, Computer Vision, LLM, Hugging Face, Transformers, Agents Data Engineering, Data Cleaning, Data Analytics, Data Visualization, Model Deployment.

Programming Languages: Python, Java, kotlin, Dart, HTML/CSS, JavaScript, TypeScript.

Other Skills: Product Development, Problem Solving, Technical Support, Communication, Project Management, User-Centric Design, Sales Process Understanding.

Personal Summary

- Highly adaptable, quick to learn new tools, software, or programming languages within 2–3 days, and able to apply them to company-specific needs.
- Thrive in fast-paced environments, embracing challenges with ownership, problem-solving mindset, and commitment to delivering results under pressure.
- Available to join immediately and ready to prove skills by completing your most challenging task before hiring.