

Balaji V N

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PROFILE SUMMARY

Final-year Information Science student skilled in **AI, Java, Python**. Built real-time AI solutions in **ads automation, news recommendation**, and **cybersecurity**. Quick learner, problem-solver, and passionate about **impact-driven software development**.

EDUCATION

RV Institute of Technology and Management, Bengaluru <i>B.E. in Information Science and Engineering</i>	CGPA: 7.84 (Till 6th Sem) 2022 – 2026
Vidya Jyothi PU College <i>Department of Pre-University Education, Karnataka</i>	92.33% 2019 – 2021
St. Joseph's Convent High School <i>Karnataka State Board (10th Standard)</i>	84.32% 2019

SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS | **AI/ML:** BERT, MTL, Random Forest, DNN, scikit-learn | **Databases:** PostgreSQL, MySQL, MongoDB | **Tools:** Git, Tableau, Streamlit, Jupyter | **Core:** DSA, OS, CN, OOPS, DBMS

PROJECTS

AI-Powered Google Ads Campaign Automation Platform <i>AI + Web Dev</i> – Built AI chatbot to automate Google Ads creation, reducing manual effort by 60% . – Integrated Azure GPT-4o for optimized ad copy, keywords, and marketing strategies. – Deployed REST APIs with MongoDB backend for real-time campaign management.	Feb – Mar 2025
AI News Recommender System <i>Python, BERT</i> – Designed a personalized news engine using BERT embeddings + MTL for CTR and dwell-time. – Implemented filters (region, category, language) and scaled on MIND dataset . – Enabled public access through ngrok deployment for real-time recommendations.	Mar 2025
Hybrid Intrusion Detection System <i>Python, DNN</i> – Developed hybrid model (Random Forest + DNN) to detect/prevent cyberattacks in real time. – Built Streamlit dashboard for live traffic anomaly visualization and threat monitoring. – Integrated Snort rule generation to automatically block malicious activity (CICIDS2017).	Jul 2025
PrintXChange — College Resource Platform <i>Spring Boot, Java, MySQL</i> – Built a role-based platform for print order management and item exchange, reducing wait time at the shop. – Integrated secure login, PDF upload, and real-time order status tracking with CSRF/session protection. – Designed mobile-responsive UI for seamless user experience.	Aug – Oct 2024

CERTIFICATIONS

Cloud Computing (Infosys) | API Security Fundamentals '25 (APISEC) | Java Swing GUI Toolkit (Infosys)

ACHIEVEMENTS

Ranked **#2** in 10th Standard | Delivered **2 AI projects** used for real-time decision making

LEADERSHIP

EXTRA-CURRICULAR

Captain of College Kabaddi Team | Led 12+ member teams under deadlines | Exploring tech tools

LANGUAGES

English, Kannada, Telugu, Tamil