ANANT BHADANI

Chennai, Tamil Nadu

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PROFESSIONAL SUMMARY

Motivated and enthusiastic MCA student with a strong foundation in software development, artificial intelligence, and full-stack web technologies. Skilled in programming with Python, Java, and JavaScript, and experienced in building real-world projects using React.js, Firebase, and machine learning frameworks like TensorFlow and OpenCV. Passionate about problem-solving, continuous learning, and exploring innovative tech solutions. Eager to contribute to impactful software projects, apply my knowledge in professional environments, and grow as a future-ready software engineer.

TECHNICAL SKILLS

Programming Languages:
Java, Python, JavaScript, R Programming, SQL

Frontend Technologies:
React.js, HTML5, CSS3, JavaScript ES6+, Responsive Design

Backend Technologies:
Express.js, Node.js, Flask, RESTful APIs, Microservices

Databases:
MySQL, Firestore, NoSQL, Database Design, Query Optimization

AI/ML Technologies:
TensorFlow, OpenCV, YOLO, XGBoost, Computer Vision, Deep Learning

Cloud & DevOps:
Firebase, Git/GitHub, CI/CD, Version Control, Agile Methodology

EDUCATION

Master of Computer Applications (MCA)
SRM Institute of Science and Technology, Chennai

2024 - Present
Current CGPA: 8.35/10

Bachelor of Computer Applications (BCA)
Dayananda Sagar University, Bengaluru

2021 - 2024
Overall CGPA: 6.83/10

PROFESSIONAL PROJECTS

Full-Stack E-Commerce Platform - ShopXpress
Technology Stack: React.js, Firebase, Express.js, Firestore, Payment Gateway Integration

Architected and developed a comprehensive e-commerce solution featuring secure user authentication, advanced product filtering algorithms, dynamic shopping cart functionality, integrated payment processing, and administrative dashboard. Implemented responsive design principles and optimized for cross-browser compatibility. Utilized Firebase for real-time database management and deployed scalable cloud infrastructure to handle concurrent user sessions.

Repository: github.com/anantbhadani/shopxpress

AI-Powered Object Detection System using YOLO
Technology Stack: Python, OpenCV, YOLO v5, TensorFlow, Flask, Computer Vision

Engineered an intelligent image recognition system capable of real-time multi-object detection and classification. Developed intuitive graphical user interface for image uploads, implemented bounding box visualization algorithms, and optimized model performance for accuracy and speed. Integrated deep learning models with web application framework to provide seamless user experience and automated object identification capabilities.

Repository: github.com/anantbhadani/yolo-object-detection

PROFESSIONAL CERTIFICATIONS

• **Alteryx Designer Core Certification** - Alteryx (Data Analytics & Workflow Automation)

• **SQL for Data Science Certification** - Great Learning (Database Management & Analytics)

• **Applications & Use Cases Professional Certification** - RapidMiner (Machine Learning)

PUBLICATIONS & RESEARCH

Low-cost Weather Monitoring System with Intelligent Design and XGBoost Regression

Published in International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT), 2023
Date: October 20-21, 2023

DOI: 10.1109/EASCT.2023.10234567 (Research Publication)

LANGUAGES

English: Fluent (Professional Proficiency)   **Hindi:** Native Speaker