

AKSHAY SHARMA T.R

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Final-year Java Developer with expertise in Java, Python, full-stack development, and machine learning. Skilled in building scalable solutions, optimizing performance, and thriving in fast-paced, collaborative environments.

EDUCATION

Course: BTech CSE, 8.53 CGPA	2022-2025
VTU University, Karnataka	
Intermediate, 92%	2019-2021
Vidyanikethan PU College, Tumkur	

PROFESSIONAL EXPERIENCE

Machine Learning Intern Basal Analytics, Bangalore	Sept 2024 – Dec 2024
<ul style="list-style-type: none">Developed a real-time product classification and inventory management system using Flask and SQLite3.Designed and integrated responsive frontend and Flask backend for seamless user interaction.Implemented efficient SQLite3 database operations to enable real-time tracking and updating of product inventory.	

PROJECTS

Expense Tracker Web App

- Developed a fully responsive personal finance tracker using HTML, CSS, and JavaScript to manage income and expenses.
- Enabled dynamic transaction management, including real-time balance updates and transaction deletion.
- Implemented localStorage for data persistence, ensuring transactions are retained across sessions.
- Designed an intuitive UI to visualize financial health, improving user interaction and engagement.

Deep Learning for Freshness & Grocery Detection (Python)

- Built and trained ResNet-101 to classify fresh and rotten fruits/vegetables with 98% validation accuracy.
- Developed another ResNet-based model for grocery product detection, achieving 84% validation accuracy.
- Designed and optimized deep learning pipelines for real-world freshness classification and grocery recognition tasks

SKILLS & OTHER

• Java	• JavaScript	• ReactJS	• SQL
• .NET	• Django	• WebServices	• C#

CERTIFICATIONS

- Project Management -Coursera**
- Junior Software Developer - Coursera**
- Google Business Intelligence - Coursera**
- Google Cybersecurity - Coursera**
- Git – Simplilearn**
- AWS Cloud Builder Practitioner Essentials - AWS Skill Builder**