DEEPITH N

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SUMMARY

Enthusiastic Software Developer with a strong foundation in Data Engineering, Machine Learning, and AI. Skilled in Python, Java, C, SQL, and web technologies, with experience in building scalable applications and efficient data pipelines. Passionate about solving complex problems and leveraging technology to drive innovation. Certified by Microsoft, NPTEL, and Infosys SpringBoard, continuously expanding knowledge to stay ahead in the tech industry.

PROJECT

Academor – AI for Warehouse Optimization   Jun 2023 - Jul 2023

- Major Project: Academor – **AI in Warehouse Industry**
- **30% Improvement** in inventory accuracy using AI-driven stock predictions.
- **40% Reduction** in order processing time through automated workflow optimization.
- Real-time Data Insights enabling **25% faster** decision-making for warehouse operations.

StudentHolic AI – AI-Powered Content Creation Platform   [Github](#)   Apr 2025

- Developed as part of **Google Hackathon**
- Developed an AI-driven platform to generate videos from simple text prompts, reducing manual content creation time by 70%.
- Integrated a PDF-to-script converter, enabling 50% faster transformation of study material into video-ready content.
- Launched a Telegram bot for instant video access, improving mobile accessibility and engagement by 60%.
- Designed a scalable architecture with upcoming WhatsApp integration to expand multi-platform content delivery.

Real-Time Emotion Detection Using Machine Learning   [Github](#)   Mar 2025

- Built a real-time emotion recognition system using OpenCV and DeepFace to classify seven emotions from webcam input.
- Implemented confidence thresholding to filter low-certainty predictions, improving detection accuracy and stability.
- Visualized emotion confidence scores with dynamic bar charts for clear and intuitive feedback to the user.

EDUCATION

ACS College Of Engineering   Dec 2022 - Jun 2026

B Tech in Computer Science and Engineering
- SGPA:9.17 / 10.0

Jawahar Navodaya Vidyalaya   Sep 2020 - Aug 2022

- Pre-University Course (PUC)
- Percentage:83.2%

Skills

Programming Languages:	DataBase Management:	Tools & Framework:
Java, Python, C	MySQL, MongoDB	Tkinter(GUI Development), Flask
Web Technologies:	**Version Control:**	**Data Science & Data Engineering:**
HTML, CSS, Javascript, React	Git & GitHub	Pandas, Numpy, DataPreprocessing

Certificates

LinkedIn Learning Microsoft	NPTEL	Coursera	Infosys Springboard
• Career Essentials in Generative AI	• Computer Networks	• Core Java	• Database Management

ADDITIONAL INFORMATION

- **Languages :** English, Kannada, Hindi.
- **Awards/Activities :** Actively participates in technical and coding competitions.
- **Interests :** Data Engineering, Cloud Computing, Competitive Programming & DSA.