DEEPITH N

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SUMMARY

Software Developer with strong programming fundamentals and a passion for understanding system architecture. Experienced in Java and Python, with a demonstrated ability to quickly learn new technologies. Eager to contribute to building robust, scalable solutions with strong problem-solving skills and a growth-oriented approach to tackling technical challenges.

PROJECTS

Academor − AI for Warehouse Optimization   Jun 2023 − Jul 2023
github.com/deepith-18/AI-for-Warehouse-Optimization

- Improved inventory accuracy by 30% using AI-driven stock predictions and reduced order processing time by 40% through automated workflow optimization.
- Enabled 25% faster decision-making for warehouse operations by developing real-time data insight dashboards.

StudentHolic AI − AI-Powered Content Creation Platform   Apr 2024
github.com/deepith-18/StudentHolic-AI | *Google Hackathon Project*

- 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 plans for WhatsApp integration to expand multi-platform content delivery.

Real-Time Emotion Detection Using Machine Learning   Mar 2024
github.com/deepith-18/Sentimental_analysis

- 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, significantly improving detection accuracy and stability.
- Visualized emotion confidence scores with dynamic bar charts for clear and intuitive user feedback.

EDUCATION

ACS College Of Engineering, Bengaluru   Dec 2022 − Jun 2026 (Expected)
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: Java, Python, JavaScript, HTML, CSS

Databases: MySQL, MongoDB

Frameworks & Libraries: React, Pandas, Numpy, OpenCV

Developer Tools: Git, GitHub, Bugzilla, Data Preprocessing

Areas of Interest: Artificial Intelligence (AI), Machine Learning (ML), System Architecture, Data Structures & Algorithms (DSA)

OPEN SOURCE CONTRIBUTION

- **Web Platform Tests (WPT):** Authored new HTML & CSS conformance tests to ensure browser compliance with W3C/WHATWG standards.
- **Bug Identification:** Identified and documented a CSS rendering bug in Mozilla Firefox, submitting a formal report to Bugzilla (Bug 1986522).
- **Collaboration:** Collaborated with project maintainers on code reviews using advanced Git (rebase) to successfully merge multiple pull requests.

CERTIFICATES & AWARDS

- **Participant**, Google Hackathon, focusing on collaborative development and competitive problem-solving.
- **Career Essentials in Generative AI** (LinkedIn Learning) | **Core Java** (Coursera) | **Computer Networks** (NPTEL) | **Database Management** (Infosys Springboard)