

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.

Courier Management System

Sep 2024

github.com/deepith-18/Courier-Management-System

- Developed a Python-based system to **streamline parcel tracking and delivery operations**, enhancing efficiency, automating order processing, and improving real-time tracking.
- **Designed a Tkinter-based GUI** for seamless user interaction for both customers and couriers.
- **Integrated database management (SQLite/MySQL)** for robust order tracking and data storage.

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

Developer Tools: Git, GitHub, Bugzilla

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

OPEN SOURCE CONTRIBUTION

- Authored and merged multiple conformance tests for HTML & CSS into the Web Platform Tests (WPT) project, the official standards suite used by Google, Mozilla, and Apple.
- Identified and submitted a detailed bug report for a CSS Flexbox rendering issue in the Mozilla Firefox browser, providing a reproducible test case to core engineers on Bugzilla (Bug 1986522).
- Collaborated directly with senior maintainers on GitHub (WPT, Pandas), successfully resolving complex CI/CD failures and using advanced Git (git rebase) to refactor code based on professional reviews.

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)