

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 <i>github.com/deepith-18/AI-for-Warehouse-Optimization</i>	Jun 2023 – Jul 2023
<ul style="list-style-type: none">• 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 <i>github.com/deepith-18/StudentHolic-AI / Google Hackathon Project</i>	Apr 2024
<ul style="list-style-type: none">• 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 <i>github.com/deepith-18/Courier-Management-System</i>	Sep 2024
<ul style="list-style-type: none">• 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 <i>B.Tech in Computer Science and Engineering / SGPA: 9.17 / 10.0</i>	Dec 2022 – Jun 2026 (Expected)
Jawahar Navodaya Vidyalaya <i>Pre-University Course (PUC) / Percentage: 83.2%</i>	Sep 2020 – Aug 2022

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)