Devansh Agarwal

Delhi | devanshagarwal835.com | +91 9310637395 | linkedin.com/in/Devansh Agarwal

github.com/DevanshAgarwal

Education

VIT BHOPAL UNIVERSITY, Computer Science and Engineering with spec. in AI-Ml   Oct 2022 - June 2026
- CGPA: 8.56/10

Bal Bharati Public School, Rohini, Higher Secondary (12th)
- Percentage: 89.0%

Projects

Movie Recommendation System
- Developed a Movie Recommendation System by integrating and preprocessing two datasets with 5,000+ movie records and their credits, focusing on relevant features to optimize recommendation accuracy.
- Implemented a content-based filtering algorithm using text vectorization and cosine similarity to identify and suggest the top 5 closest movies based on user input, enhancing user experience with personalized recommendations.
- Python, pandas, Streamlit for UI, Requests for external API poster fetch, machine learning techniques for text similarity, and data serialization with pickle

Bank Management System
- Designed a secure, desktop-based banking system using Java Swing/AWT and MySQL, enabling seamless account creation and encrypted authentication.
- Implemented real-time account management and ATM modules for deposit, withdrawal, and auto-slip generation, maintaining accurate transaction logs.
- Java(core) , Javax Swing , Java AWT , JDBC , MySQL ,

Ethosphere
- Designed and developed a decentralized cryptocurrency wallet leveraging Ethereum smart contracts to enable secure, transparent, and immutable digital transactions.
- Developed and deployed Solidity smart contracts for transaction handling, user authentication, and wallet operations, ensuring tamper-proof logic execution.
- Solidity, ReactJS, NodeJS, Web3.js, Ethereum, MetaMask.

Certifications

- IBM Cyber Security Analyst
- GEN AI Using IBM Watsonx
- Python Essentials, Vityarthi
- HTML, CSS and JavaScript for Web Developers , NPTEL (Elite+Silver)
- HTML, CSS and JavaScript for Web Developers , Coursera

SKILLS

Languages: C++, Java, Python, HTML-CSS , SQL , PostGRESQL
Additional Skills: Data Structures and Algorithms, OOPs, Javax Swing , Java BootCamp , Langchen , Machine learning

EXTRA-CURRICULAR

College Clubs:
- Core Member - Data Science Club
- State-level Chess Player
- U-19 School Team Chess Captain