PATRA D HAREKRISHNA D ANTARYAMI

+91-6351118456 | harekrishnapatra80@gmail.com | github | LinkedIn

PROFILE

Enthusiastic Java Developer with strong knowledge of Core Java, OOPs, JDBC, SQL, JSP, and Servlets. Skilled in building dynamic, database-driven applications with clean and efficient code. Familiar with front-end technologies like HTML, CSS, and JavaScript to create responsive interfaces. Passionate about learning advanced frameworks and contributing to scalable software solutions with a problem-solving mindset.

SKILLSET

Technical Skills: Java, JDBC, SQL, Jsp, Servlet, Python, C, HTML, CSS, JS (Basics)

Development Platforms: Git, GitHub, Vs Code, Eclips, IntelliJ IDEA, Spyder

Softskill: Communication, Adaptability, Team work

EXPERIENCE

IBM (CSRBOX) | *AI Developer Intern*   2 July 25 – 17 July 25

- Developed two AI agents: an email auto-responder and 'HealthScribe', a chatbot that provides health suggestions based on user-uploaded images using the Llama API.
- Deployed LLM solutions that reduced manual email handling by over **70%** and enhanced diagnostic accuracy by integrating advanced computer vision models.

Research Paper Publication | Grenze International journal of Engineering and Technology   Published: 2025

- Published research paper titled *"Advanced Stock Market Prediction using Conv-LSTM with Genetic Algorithm Optimization and Market Sentiment Integration."*
- Developed a hybrid Conv-LSTM model optimized with Genetic Algorithms and integrated sentiment analysis, improving financial forecasting accuracy on the HDFC dataset (NIFTY 50).
- **Grenze ID:** 01.GIJET.11.1.89 | © Grenze Scientific Society, 2025 . Click Here.

ACHIEVEMENTS

- Solved over 50+ problems on GFG.
- Published research paper in Grenze International Journal of Engineering and Technology **titled "Advanced Stock Market Prediction using Conv-LSTM with Genetic Algorithm Optimization and Market Sentiment Integration."**

CERTIFICATIONS

• Become an AI Agent Architect – IBM
• 160 Days DSA Challenge – GFG

EDUCATION

BE Computer Engineering, Gujarat Technological University   **(CGPA: 8.17)**   2022-2026

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Web Development, Software Engineering, Operating Systems.