HARITH YERRAGOLAM

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LinkedIn ⋄ GitHub ⋄ Portfolio ⋄ Blog

OBJECTIVE

Aspiring Software Engineering Intern with a strong foundation in Computer Science and Engineering, experienced in developing efficient software solutions. Always eager to learn new concepts, tools, and frameworks. Looking to apply my programming, machine learning, and web development skills to innovative projects.

EDUCATION

IIIT Hyderabad, B.Tech + M.S Dual Degree in CSE   2025 – 2029
Acquired Seat through Lateral Entry Mode

IIITDM Kancheepuram, B.Tech + M.Tech Dual Degree in CSE   Chennai, India
GPA: 8.72 (till 4th semester)   2023 – 2025
Relevant Coursework: DSA, DAA, Discrete Mathematics, OOP,
Computer Architecture, Digital System Design, DBMS, TOC

FIITJEE Junior College   Hyderabad, India
JEE Mains: 97.7 Percentile   2021 – 2023

SKILLS

Languages	Python, C/C++, SQL, MATLAB, HTML, CSS, JavaScript, TypeScript, Flutter (Dart)
Frameworks	ReactJS, NextJS, NodeJS, Express.js, Mongoose, Solidity, Ethers.js
Libraries	Scikit-learn, NLTK, PyTorch, TensorFlow, Tkinter, Pandas, Matplotlib, Seaborn
Tools	Tailwind CSS, Figma, Git/GitHub, VS Code, PyCharm, Oracle AI, Unix/Linux
Databases	MySQL, SQLite, Firebase, Supabase
Others	Machine Learning, NLP, Data Cleaning/Visualization

EXPERIENCE

Web Developer Intern   Jul 2024 – Jul 2025
Technical Affairs, IIITDM Kancheepuram   *Chennai, India*

- Collaborated with 8 members on the Technical Affairs webpage using Figma and NextJS.

- Developed Tech Fest (Vashisht 2025) UI page with HTML, CSS, JS for improved engagement.

- Developed Music Club Website with TypeScript, Tailwind CSS and Firebase

PROJECTS

Automated Marketing Content Generator and Optimizer. Built an AI-powered A/B testing platform using IBM Granite 3-8B via Watsonx.ai to generate and optimize marketing content. Features real-time performance metrics like CTR and CVR, export/publish functions, and modular Spring Boot + Node.js + React architecture. Deployed on Neon DB with enterprise-ready IAM. Built for IBM Hackathon 2025

AI Tutor - Personalized Learning Agent. Created an adaptive AI tutor with Mistral + Pinecone for RAG-based content delivery and TensorFlow Recommenders for personalized schedules. Features autonomous weekly planners, Firebase authentication, and full-stack integration with React + Node.js. Built for Bolt Hackathon 2025.

SQL Playground. Full-stack SQL practice platform with live Monaco Editor, schema visualization, secure login, and guided challenges. Built using React, TypeScript, Firebase, Node.js, and SQLite3. Includes modern UI with MUI, D3.js, Framer Motion. Designed for production-level training.

Institute Music Club Website. Interactive and responsive platform for IIITDM's Music Club using TypeScript, Tailwind CSS, and Firebase. Features real-time event updates, gallery, dark mode, contact form, and modern animations.

Digital Circuit Simulator. C++ simulator inspired by Logisim that models combinational circuits with robust OOP design, gtest-based testing, GitHub CI, and custom exception handling. Future GUI and sequential logic planned.

Stock Price Prediction and Sentiment Analysis. Used LSTM, PyTorch, TensorFlow, and NLTK for predicting stock prices and analyzing sentiment from news headlines. Achieved a score of 0.8 in prediction and 60% sentiment accuracy.

ACHIEVEMENTS

- Won 2 awards at RAISE YOUR HACK - the world's largest AI hackathon conducted by lablab.ai:
  - 2nd Best Solution – Blackbox.ai Track Challenge
  - 3rd Best Solution – Best Use of Snowflake (Partner Challenge)

EXTRA-CURRICULAR ACTIVITIES

- Hackathon Participant – Hacksagon 2025 (ABV-IIITM), IBM 2025, Bolt 2025, BAH 2025 (ISRO)
- Class Representative for 80+ peers
- Coordinator – Developer's Club, Music Club, eSports Club
- Content Writer – Alumni Affairs
- Contacting and Hospitality Volunteer – Training and Placement Cell
- Top Problem Solving Voice – LinkedIn (Jul '24)

CERTIFICATIONS (SELECTED)

- AI Foundations Associate and GenAI Professional (Oracle Cloud)
- HuggingFace Bootcamp (Udemy)
- Neo4j Professional (Neo4j)
- Python for Data Science (IBM), Generative AI (AWS, Google Cloud)
- Mathematics for ML: Linear Algebra (Imperial)
- Git/GitHub (Google)
- HackerRank (Python Basic, SQL Intermediate, Problem Solving)
- The Ultimate MySQL Bootcamp (Udemy), SQL for Data Science (UCDavis)
- MATLAB Onramp, ML Onramp (MathWorks)
- HTML/CSS/JS Bootcamps (LetsUpgrade)