NAINCY

B.Tech CSE Student | Machine Learning & AI | Full Stack Development

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LinkedIn GitHub Portfolio LeetCode

EDUCATION

B.Tech in Computer Science & Engineering | BMS College of Engineering, Bengaluru 2024 – 2028 | CGPA: 9.24 / 10

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C

Frontend: React.js, Next.js, HTML, CSS, Bootstrap

Backend: Node.js, Express.js, FastAPI

Databases: MongoDB, MySQL, PostgreSQL

Machine Learning: Linear Regression, Logistic Regression, Decision Trees, Random Forest, KNN, Naive Bayes, SVM, PCA, Classification, Regression, XGBoost, Model Evaluation

Deep Learning: Perceptron, ANN, Backpropagation, Gradient Descent, CNN, RNN, Activation Functions, Neural Network Training

Generative AI: RAG, Vector Search, Semantic Search, Prompt Engineering, LLM Applications, Multimodal AI

Data Science: Pandas, NumPy, Matplotlib, Scikit-Learn, EDA, Feature Engineering

System Design: Scalability, Load Balancing, Caching, CDN, Stateless Architecture, Database Replication, High-Level Design

Core: DSA, OOP, DBMS, Git, GitHub, Firebase

EXPERIENCE

Machine Learning & AI Virtual Intern | CloudCredits Technologies May 2026 – Aug 2026

- Applied data preprocessing, model building, and evaluation techniques to real-world datasets.
- Developed predictive analytics solutions using supervised learning algorithms.

PROJECTS

HASTKATHA | Next.js, FastAPI, PostgreSQL, XGBoost, Sentence Transformers, ChromaDB GitHub

- AI-powered digital ecosystem for Indian traditional crafts combining an artisan-focused marketplace with digital heritage preservation, multimodal product listing generation, XGBoost-based price intelligence, RAG-powered craft discovery, and an AI heritage assistant grounded in Government of India ODOP data.

FailSafe-AI | React, TypeScript, FastAPI, Python, LLM GitHub

- Built a local safety-testing platform for AI agents with adversarial scenarios, sandboxed mock-tool execution, execution-level tracing, GuardTrail audits, multi-turn attack chains, and prompt patch validation.

MeetMind AI | RAG, Semantic Retrieval, LLM GitHub

- Built a RAG-powered AI meeting assistant enabling contextual question answering over meeting documents using semantic retrieval and LLMs.

InnoVest | React Native, Firebase GitHub

- Engineered a startup idea investment platform with authentication, portfolio tracking, leaderboard, and a virtual coin system.

Next Word Prediction | Python, NLP, Deep Learning GitHub

- Developed a next-word prediction model that learns contextual word sequences to predict likely continuations, demonstrating NLP preprocessing, sequence modeling, and language-model fundamentals.

SubNexus | FastAPI, Python, Machine Learning GitHub

- Collaborated on a subscription-management platform with a churn-prediction module using customer behavior and subscription data to identify customers at risk of leaving.

ACHIEVEMENTS

- Finalist – Code Forge Hackathon (BMSCE)
- Runner-Up – Algothon Coding Hackathon
- Selected for BigCode Competition (Round 1)
- Shortlisted for Final Round (Round 3) – HackVega 2.0 Hackathon
- Advanced to Round 2 – Adobe University Hackathon 2026
- Solved 400+ LeetCode Problems with a 200+ Day Coding Streak
- Generative AI Workshop – IISc Bengaluru