

Hariom Suthar

 Heria021 |  Hariom Suthar |  hariomsuthar7143@gmail.com |  +91 7014247460

EDUCATION

Jaypee Institute of Information Technology

Bachelor of Technology in Computer Science (CGPA: 7.2 / 10.00)

2023 – 2026

Noida, Uttar Pradesh

Vidhya Vihar School

12th Standard (PCM): 93.20%

2021

Bidasar, Churu, Rajasthan

EXPERIENCE

Centre of Excellence on AI for Education (CoE-AIE), IIIT

AI Healthcare Systems Research Intern

May 2025 – June 2025

Noida, Uttar Pradesh

- Developed MedScribe 2.0 AI platform processing 10,000+ medical documents daily with 95% transcription accuracy, reducing clinical documentation time by 60% across 10 specialized medical domains
- Implemented HIPAA-compliant RAG system achieving sub-200ms response times and enabling semantic search across clinical databases with 98% query relevance scoring
- Architected full-stack healthcare solution supporting 500+ concurrent users across doctor, patient, and pharmacy roles with zero security incidents over 6-month deployment period

PROJECTS

Sentinal - Customer Support Bot | Next.js, TypeScript, FastAPI, Gen AI, AWS, MongoDB

Nov 2024

- Built AI chatbot platform reducing customer resolution time by 35% (12min → 7.8min) while processing 500+ daily queries with 92% first-contact resolution rate
- Deployed 12 RESTful APIs serving 25+ enterprise clients with 99.5% uptime, enabling automated query resolution for 80% of common customer issues
- Optimized LLM performance through advanced caching and model fine-tuning, achieving 2,500 queries/hour processing capacity with 15% increase in user engagement metrics

Narayani Traders | Next.js, Firebase, Convex, PDF Generation, Real-Time Data

Oct 2024

- Delivered real-time project dashboard managing 50+ architecture portfolios with automated PDF generation producing 200+ estimates monthly, reducing manual documentation time by 40%
- Implemented secure role-based access control supporting 3 user tiers with 100% authentication success rate and zero unauthorized access incidents across 6-month production deployment

NeuraMail – AI Email Assistant | Next.js, FastAPI, MongoDB, OpenAI API, OAuth2, AWS Cognito

Jan 2025

- Developed AI email assistant processing 1,000+ daily emails with 75% reduction in response time, serving 50+ business users through intelligent reply generation and contextual analysis
- Achieved 92% email intent classification accuracy using hybrid RAG retrieval system, enabling automated handling of 300% higher email volume per user
- Deployed AWS Cognito authentication system maintaining 99.9% uptime with consistent sub-100ms API response times across all user management endpoints

SKILLS

Languages: C/C++, Python, JavaScript, TypeScript, HTML/CSS, SQL

AI/ML Technologies: OpenAI APIs, RAG Systems, Vector Databases, Multi-Agent Architectures, LangChain

Backend Frameworks: Next.js, Node.js, React, FastAPI, Express.js, RESTful APIs, Microservices

Databases: MongoDB, MySQL, PostgreSQL, Firebase, AWS DynamoDB, Supabase, pgvector

Cloud & DevOps: AWS (S3), Git/GitHub, HIPAA Compliance

CERTIFICATIONS & ACHIEVEMENTS

AI Healthcare Systems Research Lead | CoE-AIE IIIT, Multi-Agent Systems, Clinical AI

- Pioneered clinical AI automation achieving 95% accuracy in medical transcription and 60% reduction in documentation time across 10 specialized medical domains
- Led research on multi-agent healthcare systems with findings submitted for peer review in international AI conferences