



THARUN R

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PROFESSIONAL SUMMARY

Final-year B.Tech (AI&Data Science) professional with hands-on experience in machine learning, full-stack web development, cloud computing, and DevOps automation. Proven track record through internships, hackathons, and independent project development — open to internship and full-time opportunities.

EDUCATION

B.Tech – AI&Data Science Dr. NGP Institute of Technology Coimbatore, India CGPA: 70% (up to 5th Semester)		2023 – 2027
Senior Secondary (12th Standard) SSM Central School (CBSE) Namakkal, Tamil Nadu		2018 – 2023

INTERNSHIP EXPERIENCE

Software Developer Engineer Intern BLUESTOCKS FINTECH • Developed a web application to filter and segment customers based on personalized needs.		Jan – Feb 2026
Business Development Intern GaoTek Inc. • Assisted in market research, competitive analysis, and client outreach using Apollo.io CRM.		Dec 2025
Cloud Computing Intern Accent Techno Soft • Gained hands-on exposure to cloud infrastructure and deployment on AWS (EC2, S3, IAM).		2024 (15 Days)
Web Development Intern TechnoHacks Solutions Pvt. Ltd • Built responsive web pages using HTML, CSS, and JavaScript in an agile environment.		May 2024

PROJECTS

Cloud DevOps CI/CD Pipeline – Automated Deployment Infrastructure

Technologies: AWS | Docker | Terraform | GitHub Actions | Jenkins | Kubernetes | Nginx

- Deployed a fully automated CI/CD pipeline on AWS using GitHub Actions and Jenkins, enabling continuous delivery.
- Provisioned infrastructure as code with Terraform (VPC, EC2, load balancers) and configured Nginx as reverse proxy.

CodeSentinel DP – AI-Powered Developer Lifecycle Platform

Technologies: Python | FastAPI | React | ChromaDB | LangChain | Groq API | RAG

- Built a unified developer platform with 13 AI-driven features: code analysis, QA generation, CI/CD pipeline correction.
- Implemented a RAG-based chatbot with voice interaction using ChromaDB, LangChain, and Groq API.

NexusGuard-AI – Security Intelligence System

Technologies: Python | Machine Learning | NLP | OpenAI API

- Built an AI-powered threat analysis system using NLP and Random Forest for anomaly detection and risk assessment.

Animal Disease Prediction System

Technologies: Python | Flask | Random Forest | Scikit-learn

- Developed a Flask + ML app to predict animal diseases based on symptoms, breed, and animal type.

TECHNICAL SKILLS

Programming	Python, Java, HTML, CSS, SQL
AI / ML / DL	SVM, Random Forest, NLP, LLMs
Cloud&DevOps	AWS (EC2, S3, IAM), Docker, CI/CD, Linux
Data&Viz	Power BI, Tableau, Pandas, NumPy, Matplotlib
Tools	N8N, Apollo.io, Figma, Git, Datascape

CERTIFICATIONS

- Certified Data Analyst&SAP Analytics Cloud – SAP
- AI Prompting for Everyone – DeepLearning.AI
- Reinforcement Fine-Tuning LLMs With GRPO – DeepLearning.AI
- Data Analytics with Python – MyCaptain
- Certified Lean Six Sigma AI Yellow Belt – S&G
- Tata Group Data Analytics Job Simulation – Forage
- Data Analytics Traineeship – Maiyyam

ACHIEVEMENTS&EVENTS

Hackathons

- IBM Bob Dev Day x Watsonx.ai – 48-Hour Hackathon (May 1–3, 2026)
- AMD x LabLab.ai – 72-Hour Hackathon (May 6–9, 2026)
- LabLab.ai – Web Data Unlocked Hackathon (May 25–30, 2026)
- HackMatrix – Nandha College of Engineering (Mar 17–18, 2026): 24-Hour Hackathon
- Innomatics Research Labs – 24-Hour AI Hackathon (Sep 21–22, 2025): Top 32 out of 1,000+ teams

Workshops

- Agentic AI Security and Red Teaming – NIT Trichy
- Full Stack Development with Cloud – Livewire Coimbatore (Dec 17, 2023)

Paper Presentations

- DHRUVA 2024, Karpagam College of Engineering (Mar 15, 2024) – Introduction to Screenless Display
- NIT Trichy Summer Internship Selection – Animal and Plant Disease Prediction using ML and CNN

Idea Presentation

- PINNACLE 2K24, Coimbatore Institute of Technology (Mar 22, 2024) – Marine Life Saver

Other Achievements

- State Level Spell Bee – English Literature
- Scout Student – Rajyapuraskar Camping Experience