Ronnie A Jeffrey

ronnieallen2005@gmail.com | +91 99528 60468

linkedin.com/in/ronnie-a-jeffrey | github.com/ronnie-allen | ronnie-a-jeffrey.tech

EDUCATION

Karunya Institute of Technology — Coimbatore, India
B.Tech in Artificial Intelligence and Data Science — May 2027

EXPERIENCE

CoreInsightsAI — Bangalore, India
AI and Software Developer — Jun 2025 – Present
- Developed scalable applications in Next.js with integrated LLM-based automation.
- Worked on full-stack solutions, AI-driven features, and light DevOps workflows.

Karunya Innovative Design Studio (KIDS) — Coimbatore, India
Full Stack and Mobile App Trainee — Aug 2024 – Mar 2025
- Built frontend interfaces using React.js and integrated APIs.
- Participated in backend development using Node.js for university platforms.

Nandha Infotech — Coimbatore, India
Mobile App Developer Intern — Jun 2024 – Jul 2024
- Built Flutter-based mobile UIs for agriculture-focused applications.
- Integrated APIs and improved UX in real-time delivery apps.

SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React, Tailwind, Bootstrap, Gradio
Backend: Node.js, Python, FastAPI, MongoDB, Firebase
Mobile: Flutter, Dart
AI/ML: TensorFlow, Sci-Kit, Java, Ollama, PydanticAI, Langchain, Langgraph, Langsmith, CrewAI
Tools: Git, VS Code, Postman, Figma, Docker, Linux, HuggingFace, GitHub, N8N

PROJECTS

MindKraft '25 - An Event Site
Full-featured event site with auth, payment, and user dashboard.
Tech Stack: React, Node.js, Payment API

Music Genre Classification with CNN
Audio classifier using CNN and Librosa features to predict music genres.
Tech Stack: Python, TensorFlow, Keras, Streamlit

Water Potability Prediction
ML model deployed via Django comparing XGBoost, LSTM, and Random Forest.
Tech Stack: React.js, Django, ShadCN UI

Patient Monitoring System
AI-driven platform for tracking patients by analyzing lab reports.
Tech Stack: AI, Web Technologies

CropAI - Crop Recommendation & Yield Prediction
ML system for crop planning and yield estimation using Random Forest.
Tech Stack: Django, React.js, Scikit-learn

UNISCAN - Smart Attendance System
Face recognition attendance system with barcode verification for IoT.
Tech Stack: Computer Vision, IoT, Excel Integration

BlogRelay - Blog Writer Agent
Agentic workflow to turn topics into polished blogs using LLMs.
Tech Stack: FastAPI, Mistral AI, CrewAI, Gmail API

CERTIFICATIONS

Google CyberSecurity Specialization — Jul 2024
Data Analytics Internship – YBI Foundation — Sep 2024
CSS Skill Test – HackerRank — Sep 2024
Java Programming Fundamentals – Infosys — Sep 2024