

RITHVIK K

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Education

Cambridge Institute of Technology

B.E. in Electronics and Communication Engineering

Sep 2022 – Dec 2026

VTU, Bangalore

Experience

Shadowfox

UI/UX Intern

Aug 2024 – Oct 2024

- Designed 3+ responsive screens and an IPL sports UI using Figma; improved usability by 30%.
- Built developer-ready design systems and improved HTML/CSS compatibility by modularizing UI components.
- Explored automation tools to convert UI prototypes to code using JavaScript.

Microsoft Student Club CIT

Beta MLSA — Technical Lead

Sep 2023 – Present

- Developed quiz app using Django and React; reached 200+ student users.
- Led 4+ technical events and trained 10+ juniors on Git, CI/CD, and collaborative workflows.
- Mentored 5+ Alpha MLSAs and streamlined pull request and deployment pipelines.

Winter of Blockchain (WoB)

Open Source Mentor

Sep 2024 – Present

- Reviewed 15+ PRs and mentored 8 contributors on Solidity, GitHub, and documentation standards.
- Contributed to cross-chain integration guides and streamlined onboarding documentation.

Projects

Blockchain Voting System (*Python, Arduino, MetaMask*)

Dec 2024

- Built voting device with Ethereum smart contract integration and real-time tracking UI.
- Deployed GUI for monitoring vote failures and linked Arduino hardware to on-chain state.

Documed (*React.js, Python, Hugging Face, Flask*)

Mar 2025

- Developed ML-powered platform for medical documentation and analysis using custom datasets.
- Trained and deployed models on Hugging Face for health record classification and text summarization.
- Integrated Flask backend and interactive UI for seamless doctor-patient documentation workflow.

Fake Product Identification (*Solidity, Flask, Ethereum*)

Jan 2025

- Built smart contract for validating product origin with on-chain hashes.
- Connected Flask backend to MetaMask for instant verification of authenticity.

Technical Skills

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

ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, PyTorch, OpenCV

Tools & Platforms: Google Colab, Git, VS Code, Flask, FastAPI, Jupyter, Streamlit, MLflow, GCP

Concepts: CNNs, Supervised/Unsupervised ML, Data Cleaning, Transfer Learning, Model Evaluation

Awards and Recognition

Selected for **Microsoft for Startups** – Developing an AGI-powered healthtech platform MediSure.

1st Place – Samsung Hackathon for real-world impact project.

4th Place – Sambhram Institute Hackathon.

Guinness World Record – Microsoft AI Coding Event (Largest Participation).