

RISHI AHUJA

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Education

Dr. B R Ambedkar National Institute of Technology Jalandhar

Aug 2024 – Present

Bachelor of Technology in Information Technology — CGPA: 8.42

Jalandhar, Punjab

Publications

ICFD-31k: Real-Time Conversational Fraud Detection | *First Author*

IJCAI-ECAI 2026

Main Conference, AI for Social Good Track: Introduced the first large-scale Indian conversational fraud benchmark (31k+ English/Hinglish transcripts) with chunk-level streaming labels and explainable rationales across **10 fraud categories**.

Retrieval Mechanisms Surpass Long-Context Scaling in TS Forecasting | *First Author*

ICLR 2026

TSALM Workshop: Identified an inverse scaling law in time-series forecasting, where extending context from 720 to 3,000 steps degrades accuracy by up to **68%**; proposed **RAFT**, cutting MSE from 0.647 to 0.379 with far less compute.

ScopeBench-PR: A Benchmark for Scope Fairness in LLM Peer Review | *First Author*

Under Review

GlobalSouthAI Workshop, IJCAI-ECAI 2026: Counterfactual audit benchmark testing whether LLM reviewers respect a paper's stated scope, spanning **4,204 review runs** and a **500-item** human validation study ($F1 = 0.802$).

Experience

Zenbase Technologies (Singapore)

Dec 2025 – May 2026

Software Engineering Intern

Remote

- Built staging infrastructure, automated **CI/CD pipelines**, and maintained a **Dockerized** monorepo across backend and product workflows.
- Implemented asynchronous **callback workers** for webhook-heavy integrations including **Nylas**, **Meta APIs**, and **GoHighLevel**.

Annam.ai

Jun 2025 – Mar 2026

Research Intern - AI Systems → Entrepreneur in Residence

Rupnagar, Punjab

- Built modular classification and inference pipelines for **Sugam** and agriculture AI workflows under Dr. Pushpendra, supporting large-scale model training and evaluation.
- Worked on **Kisaan Mithraa** productization and presented technical/product updates to stakeholders, including a **GOI delegation**.

Stack Wealth

Apr 2025 – May 2025

Intern - Flutter Developer

Remote

- Ranked as the **#2 contributor** to the **Athena** application, merging **50+ PRs** across product features, bug fixes, and performance improvements.
- Built user-facing Flutter features including analytics views and biometric authentication flows using **Clean Architecture** patterns.

Level SuperMind

Jan 2025 – Feb 2025

Intern - Frontend Developer

Remote

- Developed responsive frontend pages for a wellness application using **Next.js**, with a focus on clean UI and mobile-friendly layouts.
- Integrated REST APIs for dynamic content delivery and collaborated with the team through sprint planning, reviews, and iterative fixes.

Achievements and Extracurricular

- Reviewer, FMSD @ ICML 2026;** awarded travel grants for **ICLR 2026 (\$1,600)** and **IJCAI-ECAI 2026 (\$1,000)**.
- Winner, HackCBS 8.0:** 1st place in **AWS** and **Qyrus** tracks; selected for onsite finale from **15,000+ applicants**.
- Hackathons:** 1st Runner-Up at Level Supermind Hackathon; 2nd Runner-Up at IEEE PEC × Prajna AI Hackathon.
- Mentored/evaluated **30+ teams** at state-level Bit and Build Hackathon; conducted a **14-day Flutter & Firebase Bootcamp**.

Technical Skills

Mobile/Frontend: Flutter, Dart, Riverpod, GetX, BLoC, Tailwind, React.js, Next.js

Backend/Databases: Node.js, Express.js, Redis, Firebase, Appwrite, Prisma, MongoDB, PostgreSQL

Blockchain / Web3: Solidity, Foundry, ethers.js, Web3.js

Systems: C, C++, Python, Rust, Bash

Tools, Infra & DevOps: AWS, Docker, CI/CD, Git, GitHub, NGINX, Arch Linux