

RISHI AHUJA

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Education

Dr. B. R. Ambedkar National Institute of Technology Jalandhar

2024 – 2028

B.Tech. with Research in Information Technology | CGPA: 8.42/10

Jalandhar, India

Relevant Coursework: Probability & Statistics, Data Structures & Algorithms, Operating Systems, Database Systems, Computer Networks

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**.

Do LLM Reviewers Respect Scope? ScopeBench-PR  | *First Author*

IJCAI-ECAI 2026

GlobalSouthAI Workshop: Introduced a counterfactual audit benchmark for evaluating whether LLM reviewers respect a paper's explicitly stated scope, spanning **4,204 review runs** and a **500-item** human validation study.

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 substantially lower compute.

Experience

Zenbase Technologies (Singapore)

Dec 2025 – May 2026

Agentic AI Intern

Remote

- Built AI agents with **persistent cross-session memory** using Zep and custom stores, preserving user context, preferences, and prior interactions across long-running conversations and repeated user sessions.
- Connected **ElevenLabs voice agents** with Nylas, Meta APIs, and GoHighLevel through asynchronous workers, coordinating callbacks, external actions, and multi-step workflows across multiple integrated services.

Annam.ai

Jun 2025 – Mar 2026

Research Intern, AI Systems to Entrepreneur in Residence

Rupnagar, Punjab

- Built reusable training and inference pipelines for **Sugam**, supporting model development, experimentation, and large-scale evaluation across multiple agricultural AI workflows.
- Contributed to productizing **Kisaan Mithraa**, spanning technical development, deployment workflows, and stakeholder demonstrations, including presentations to a **Government of India delegation**.

Stack Wealth (YC S21)

Apr 2025 – May 2025

Flutter Developer Intern

Remote

- Merged **50+ PRs** into the Athena application across product features, bug fixes, and performance improvements.
- Built analytics and biometric-authentication features in Flutter using **Clean Architecture** patterns.

Level SuperMind

Jan 2025 – Feb 2025

Frontend Developer Intern

Remote

- Built responsive **Next.js** interfaces and reusable components for a consumer wellness application.
- Integrated **REST APIs** for dynamic content and implemented frontend flows across multiple product screens.

Awards & Service

- Reviewer, FMSD @ ICML 2026**, contributing peer reviews for work on foundation models and structured data.
- Awarded a **\$1,600 ICLR 2026 Travel Grant** to attend the conference in Rio de Janeiro, Brazil.
- Awarded a **\$1,000 IJCAI-ECAI 2026 Travel Grant** to present research at IJCAI-ECAI 2026 in Bremen, Germany.
- Winner, HackCBS 8.0:** 1st in AWS and Qyrus tracks; finalist among **15,000+ applicants**.
- 1st Runner-Up, Level SuperMind Hackathon; 2nd Runner-Up, IEEE PEC × Prajna AI Hackathon.**
- Mentored and evaluated **30+ teams** at the state-level Bit and Build Hackathon and conducted a **14-day Flutter & Firebase Bootcamp**.

Technical Skills

Languages: Python, C++, C, Rust, JavaScript/TypeScript, Dart, Bash

ML / AI: Deep Learning, LLMs, Transformers, NLP, Language Modeling, LLM Evaluation, Benchmarking, Retrieval

Backend / Data: Node.js, PostgreSQL, Redis, MongoDB, Prisma, Firebase

Infrastructure: AWS, Docker, Linux, NGINX, Git, CI/CD

Frontend / Mobile: Flutter, React, Next.js, Tailwind