

Riya Agarwal

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Education

Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar	2023 – 2027
B.Tech, Computer Science Engineering	CGPA: 8.28
Neerja Modi School, Jaipur	2021 – 2023
AISSE: 82.4% — AISSCE: 94%	

Work Experience

Frontend Development Intern, Flutter (Remote)	Sep 2024 – Oct 2024
<ul style="list-style-type: none">Developed 4+ responsive Flutter screens using Dart and REST APIs, improving usability for over 500 users.Enhanced application performance, reduced user errors by 25 percent, and implemented JWT-based authentication.Participated in sprint planning, code reviews, and UI discussions to ensure consistency and quality.	
Low-Code Application Development Intern, Appian (Remote)	Apr 2025 – Jun 2025
<ul style="list-style-type: none">Engineered 5+ Appian workflows to automate business processes, reducing manual effort by 30 percent across teams.Built low-code applications with functional UI components and optimized workflow logic, improving task efficiency by 20 percent.Collaborated with cross-functional teams to analyze requirements and deliver scalable solutions.	

Projects

MediSetu, Smart Medicine Platform

- Designed an IoT-based medicine inventory system with expiry alerts and emergency request handling.
- Implemented real-time monitoring and automated notifications using Node.js and EmailJS, improving adherence by 40 percent.

Brain Tumor Detection System

- Built a CNN-based MRI classification model using TensorFlow and Keras, achieving 92 percent accuracy.
- Deployed the model using a Flask API for real-time inference and performance evaluation.

Sakalpa, Full-Stack Healthcare App

- Developed onboarding flows, role-based navigation, UI themes, and core healthcare features.
- Built a secure backend using Node.js, Express.js, MongoDB, and JWT authentication.

Volunteer Experience & Non-Technical Contributions

Heritage Haven and Enactus

- Conducted market research, group discussions, and user analysis for social entrepreneurship initiatives.
- Supported branding strategy, outreach planning, and community engagement activities.
- Assisted in organizing events including Innowave and Foundation Day, handling coordination and execution.

Kinetix

- Contributing to AI and Machine Learning initiatives through research, ideation, and collaborative learning.
- Supporting design-related tasks including visual content creation, layouts, and presentation assets.

Kodessa and Kaews

- Volunteered in organizing technical and non-technical events, managing coordination and on-ground execution.
- Actively participated in group discussions, planning sessions, and collaborative activities.

Certifications & Achievements

Google Analytics Certification — Figma Proficiency — Smart India Hackathon Finalist — ICDCIT Hackathon Fourth Place — Startup Odisha Event Fourth Position — Communication — Leadership — Event Coordination — Market Research — Team Collaboration

Technical Skills

JavaScript — Python — HTML — CSS — React — React Native — Flutter — Dart — Node.js — Express.js — MongoDB — JWT — Appian — Vercel — Stripe — TensorFlow — Keras — CNN — Git — GitHub — Postman — Figma — EmailJS