# ABHRAJIT GHOSH

Bhubaneswar, Odisha

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## Education

**Kalinga Institute of Industrial Technology (KIIT)** 　 Bhubaneswar, Odisha
Bachelor of Technology in Computer Science and Engineering — **CGPA: 8.7**　July 2023 – May 2027
Mangalam Vidya Niketan — **ISC (2023)** — **92.5%**　Kolkata, West Bengal

## Technical Skills

**Languages:** Java, Python, C, Dart, HTML, SQL
**Frameworks/Libraries:** Node.js, Express.js, Flutter, Flask, Streamlit
**Databases:** MongoDB, Oracle, PostgreSQL, FAISS, ChromaDB
**Tools:** GitHub, Postman, VS Code, Vercel, Ubuntu
**Relevant coursework:** AI, ML, NLP, LLM, Computer Networks, Data Mining

## Projects

### TaskHub – Freelance Task Management Platform
*React, Node.js, Express, MongoDB*
Live Demo — GitHub Repository
- Built a full-stack task management platform with role-based access, enabling users to post tasks, apply as freelancers, and manage applications.
- Implemented secure authentication using JWT and Google OAuth 2.0 with email verification and password reset workflows.
- Developed real-time messaging using WebSockets for seamless communication between task owners and freelancers.

### Sahayak - Agentic Enterprise Assistant
*Python, Streamlit, ChromaDB, Hugging Face LLM*
Live Demo— GitHub Repository
- Developed a citation-grounded enterprise AI assistant using Retrieval-Augmented Generation (**RAG**) for document question-answering with hallucination control.
- Implemented an intent-based agent to generate structured JSON outputs for automated enterprise workflow actions.

## Experience

**Flutter Developer — KIIT Robotics Society**　Nov 2024 – Sep 2025
- Contributed to KRS Workspace App (100+ users) across frontend and backend; built Flutter modules and designed REST APIs using Node.js + Express.
- Led development of Attendance, MoM, and Notice Board features, ensuring production-ready delivery and seamless API integration with Provider state management.
- Developed *Suvidha*, a Flutter + Flask RAG-based chatbot prototype for an NLP challenge.

## Certifications

- Build Your Generative AI Productivity Skills — Microsoft and LinkedIn
- Introduction to Large Language Models — Google Cloud Skills Boost
- Introduction to Machine Learning — Great Learning
- Introduction to Prompt Engineering for Generative AI — LinkedIn

## Achievements

- Secured **All India Rank 569** in KIITEE 2023.
- **2nd Runner-up** in Relaython 2024 organized by GFG KIIT Chapter.