

Ankit Kumar

Btech in Computer Science Engineering
Institute of Technical Education and Research, Bhubaneswar
LinkedIn | GitHub | Portfolio

+91-9031358194
+91-8987542268
kumarankit11458@gmail.com

Education

Degree/Board	Institute/School	CGPA/Percentage	Year
B.Tech. (CSE)	Institute of Technical Education and Research, Bhubaneswar	8.4	2023-2027
ISC	Gulmohar High School	78%	2021-2023
ICSE	Vig English School	76%	2008-2021

EXPERIENCE

- Gehna Mall**
App Development Intern

Jun 2025 – Sep 2025
Remote [App Link]

– Developed and maintained a cross-platform mobile application using **Flutter**, implementing **BLoC** and **GetX** for efficient state management.

– Enhanced app performance by 20 percent through **code optimization** and the integration of **Google Maps API** and **Firebase services**.
- TutorPlaza (Freelance)**
Web Development

May 2023 – Jul 2024
Remote [Live Site]

– Built a responsive Web application using **React.js** and **Node.js** with a **REST API** for the backend.

– Designed and implemented the core application infrastructure, including **JWT** authentication and the **SQL** database schema, to handle secure user data and interactions.
- Hykit Care Pvt. Ltd.**
Web Development Intern

Jan 2024 – Mar 2024
Remote [Live Site]

– Contributed to the development of an **e-commerce** website using **React.js** and **Tailwind CSS**.

– Implemented a **real-time shopping cart** with dynamic pricing calculations and built an admin dashboard for inventory and order management using **MySQL**
- Aveti Learning Pvt. Ltd.**
IT Intern

Nov 2023 – Jan 2024
Hybrid [Code]

– **Python** and **Streamlit** to create interactive data analysis dashboards for visualizing student performance metrics using **machine learning**.

– Automated feedback generation for student assignments using **Hugging Face’s NLP models**, improving efficiency for educators.

PERSONAL PROJECTS

- Code Zen [Live Demo]**

Aug 2024
AI Code Editor and Platform

– Developed a full-stack AI coding platform (**Flutter**, **Python**, **FastAPI**) featuring **Generative AI** integration for real-time assistance, bug detection, and a multi-language coding chatbot..

– Expanded platform functionality with a **Resume Checker** and **AI Interview simulator**, creating an all-in-one solution for **coding practice** and **career preparation**.
- Silent Speak [Live Demo]**

Nov 2023
Assistive App

– Developed a **Flutter** mobile app integrated with a custom **Arduino** touch sensor to enable **Morse code** communication for speech-impaired users.

– Implemented **Firebase** for authentication and data storage, adding interactive games for Morse code learning and practice.
- Smart Bloom [Live Demo]**

Aug 2024
Vertical Farming Rover

– Led the development of an **IoT** based autonomous rover using **Arduino** and **ESP32-CAM**, programming it for **automated navigation** and **real-time** plant health monitoring.

– Integrated a **camera system** for data collection and applied **Python scripting**, demonstrating a practical embedded systems solution for agricultural automation.
- Swift Relief [Source Code]**

July 2025 – Present
AI Innovation Platform

– Developed a **Next.js** web dashboard with **Google Maps API** for global drone control, real-time **GPS tracking**, and live HD **video streaming**.

– Programmed **ESP32 AI** using **TensorFlow Lite** and **OpenCV** for obstacle avoidance and autonomous **Pixhawk navigation**.

TECHNICAL SKILLS AND INTERESTS

- Programming Languages:** Python, Java, JavaScript, Dart, C, SQL

Frameworks/Libraries: React.js, Next.js, Flutter, Node.js, FastAPI, TensorFlow, PyTorch, Keras, LangChain, OpenCV, Streamlit, Bootstrap

Tools/Platforms: Git, Firebase, MySQL, SQLite, REST APIs, JWT, VS Code, Android Studio, Jupyter Notebook, Google Colab, Arduino

Cloud/Databases: Firebase, MySQL, SQLite

Core Skills: Machine Learning, Web and App Development, Competitive Coding

Soft Skills: Collaboration, Problem-Solvings , Creativity , Innovation.

Coursework: Data Structures Algorithms (DSA), Object-Oriented Programming (OOPs), Database Management (DBMS), Operating Systems (OS), Networking, Machine Learning, Computer Vision.

Roles: SDE, ML/GenAI, Web Development, Mobile Development

ACHIEVEMENTS

- MSME IDEA Hackathon 4.0** – Winner, National (2025)

E-Summit – Winner, KIIT (2025)

Advaita Invento Expo – Winner, IIIT BBSR (2025)

Elysium – Winner, Hackathon & Ideathon, ITER (2025)

Champion Milestone – Google Cloud Arcade (2024)

D3 Fest – Winner, Ideathon, IIIT BBSR (2024)

TechTronics & SparkUP – Winner, SIT University. (2024)

TECHNOV8 Hackathon – Winner, DGI Noida (2024)

Utkarsh & E-Summit – Winner, ITER (2023)

GSSoC & Hacktoberfest – Open Source Contributor (2023)