

# Ankit Kumar

+91 9031358194 kumarankit11458@gmail.com · GitHub: ankit071105  
Jamshedpur, Jharkhand [Portfolio](#)

## WEB & APP DEVELOPMENT | CLOUD COMPUTING ENTHUSIAST

Motivated and results-driven B.Tech student with hands-on experience in web and app development, specializing in front-end and mobile applications. Proficient in various programming languages and frameworks with a solid understanding of data structures and algorithms. Currently expanding expertise in cloud computing through Google Cloud and Arcade Cloud programs.

## KEY COMPETENCIES

- Web Development: HTML, CSS, JavaScript, ReactJS, jQuery, Bootstrap
- App Development: Flutter (Dart, Firebase), Swift (iOS), Kotlin (Android)
- Cloud Computing: Google Cloud, Arcade Cloud certification
- Data Structures & Algorithms: Proficient in Java
- Problem-Solving: Critical thinking and optimization
- Database Management: Firebase, NoSQL, MongoDB

## PROFESSIONAL EXPERIENCE

### SilentSpeak Project

Oct 2023 - Oct 2024

Team Lead & Developer

Led the development of SilentSpeak, an app designed to assist individuals in communicating through Morse code using touch sensors and audio feedback. The app integrates Flutter for mobile interfaces, C++ for Arduino microcontroller programming, and Python for backend data processing.

[Project Link](#)

### Smart Bloom: Vertical Farming Project

Aug 2024 - Present

Developer & IoT Specialist

- Spearheaded the development of an IoT-based vertical farming system, Smart Bloom, which automates cross-pollination in vertical farms.
- Developed a robotic car that detects flowers using sensors and performs cross-pollination by precisely touching the center of the flower. Integrated machine learning for flower recognition and precise motion control for pollination tasks.
- Utilized sensors, actuators, and cloud-based monitoring to ensure seamless operation in greenhouse environments.

[Project Link](#)

## EDUCATION

### Bachelor of Technology in Computer Science

ITER, Siksha 'O' Anusandhan University | CGPA: 8.5  
(2023- Present)

### Gulmohar High School, Jamshedpur

ISC Board — (12th: 2023)

- Final Score: 78%

### Vig English School, Jamshedpur

ICSE Board — (10th: 2021)

- Final Score: 75.6%

## CERTIFICATIONS & ACHIEVEMENTS

- Top 3 Winner — BlinkX Brainathon (2024)
- Secured a top 3 position in a nationwide innovation competition, competing against 27,000 teams, recognized for developing the SilentSpeak project.
- First Prize Winner — Ideathon at E-Summit, ITER SOA University in collaboration with Odisha Govt. (2024)
- Awarded first prize for innovative solutions in an entrepreneurship competition, contributing creative ideas for technological development.
- Hacktoberfest Winner (2022, 2023)
- Won Hacktoberfest for two consecutive years, contributing to open-source projects and collaborating with global developers.
- GSSoC Contributor & Project Admin
- Active contributor and project admin in the GirlScript Summer of Code (GSSoC) open-source program, fostering community collaboration and managing projects.
- Cloud Arcade Winner
- Recognized as a winner of the Arcade in Cloud competition, showcasing expertise in cloud technologies and implementation.