

BHAVYA SINGH

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EDUCATION

Indian Institute of Information Technology, Kota

2023 - 2027

Bachelor of Technology in Electronics and Communication Engineering

Kota, Rajasthan

RELEVANT COURSEWORK

- Data Structures
- Algorithms
- MERN-Stack Web Dev
- Cross-Platform App Dev
- Machine Learning
- Discrete Mathematics
- C, C++, Python
- Operating Systems

PROJECTS

AyurHealth | Flutter, Firebase, Dart, Figma, Google Cloud

January 2025

- Built a cross-platform mobile app promoting Ayurvedic lifestyle and wellness using Flutter and Firebase for seamless real-time data sync.
- Integrated features like personalized health tips, symptom checker, and meditation guides, enhancing user engagement and holistic health tracking.
- Designed intuitive UI/UX in Figma and deployed app logic on Google Cloud Functions for scalable backend operations

NetraX | Flutter, Dart, Google ML Kit, Android Studio, CameraX

August 2024

- Built an accessibility app for visually impaired users to read text in Hindi (Devanagari) via image recognition, supported by ministry funding.
- Integrated Google ML Kit for text recognition and Flutter TTS for voice output, enhancing user experience.
- Designed a user-friendly interface in Flutter, leveraging CameraX for seamless image capture.

POSITIONS OF RESPONSIBILITY

Android Lead | Google Developers Group

Aug 2024 - Aug 2025

- Conducted 5+ hands-on workshops on Android, Flutter, and Git/GitHub, enabling 100+ students to build and deploy real-world apps.
- Mentored 20+ juniors, guiding them through app development fundamentals and the Google Cloud Career Readiness Program.
- Organized 3+ major tech events, boosting campus tech culture and connecting students with industry professionals.

TECHNICAL SKILLS

Languages: C, C++, Python, Flutter, JavaScript, SQL

Machine Learning: TensorFlow, Keras, PyTorch, OpenCV, NumPy, Matplotlib, Google Colab

Mobile Development: Dart, Google ML Kit, Text-to-Speech (TTS), Firebase, Kotlin, CameraX, FlutterFlow

Web Technologies: React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB

Tools & Platforms: Sublime Text, Android Studio, Git, GitHub, Google Cloud Platform, Canva

ACHIEVEMENTS

- **SUSTAIN-A-THON (Indian Oil):** Shortlisted for a prominent sustainability challenge, showcasing innovation and problem-solving skills.
- **GenSolve (Adobe):** Shortlisted for the regional round, demonstrating expertise in complex algorithms and scalable system design.
- **Finalist**, IIT Jodhpur National Hackathon – Led a team of 6 in developing an innovative app solution, reached the final round among 200+ teams.