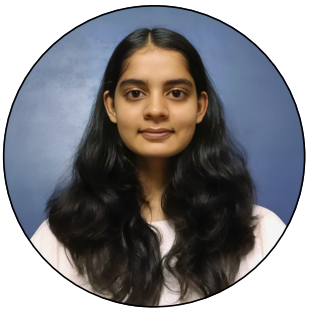

Anushka Kulkarni

Final year B.Tech Electronics and Telecommunication Engineering student with research experience in Embedded Systems, Sensor-based Systems and VLSI Design

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EDUCATION

B.Tech Electronics & Telecomm.
MKSSS's Cummins College of Engineering for Women, Pune
CGPA - 8.35 (2022-2026)

XII - Higher Secondary College
MTES Junior College, Pune
CET - 91%ile (2020-2022)

X - Secondary School
SES Gurukul, Pune
CBSE Board - 92.8% (2007 - 2020)

SKILLS

- Embedded C/C++, Verilog, Arduino
- Cadence, Xilinx, Keil, Proteus
- Python, Machine Learning , Fullstack
- Tools: Git, Figma, LaTeX

CERTIFICATIONS

- India Semiconductor Workforce Development Program (ISWDP)
- Python Data Structures : Coursera
- Google Cloud Cohorts
- Test of Proficiency in Korean : Level 3

VOLUNTEERING

Google Developer Groups, Pune:
Design and Event Management Team
Hosted events and designed promotional materials for GDG, GDG Cloud, and Women Techmakers Pune.

PROJECTS & INTERNSHIPS

- **InnovateToElevate Scheme** *(2 Months)*
  Designed and verified a 4-bit Arithmetic Logic Unit (ALU) at the CMOS transistor level using Cadence tools during a two-month internship. The work involved CMOS-level implementation of basic logic gates, development of arithmetic and logical circuits, and integration of these blocks into a functional ALU, followed by simulation-based verification.
- **Wearable Posture Warning System** *(2 Months)*
  Designed a wearable posture-warning device using the ADXL345 3-axis accelerometer and ATtiny44 microcontroller for real-time orientation monitoring. Implemented haptic/audio alerts for poor posture detection with a user-activated calibration switch to personalize posture baselines. Emphasized low-power operation and compact hardware design suitable for continuous wearable use.
- **Kaggle Dataset for Midcurve of 2D Shapes** *(2 Months)*
  Developed a Python program to synthetically generate JSON files containing point and edge data of shapes with various geometric transformations. These datasets were used for creating machine learning models in geometry.
- **Software Development Intern at Nomura** *(6 Months)*
  Developed a citation mechanism for a RAG-based internal chatbot, grounding AI responses in source HTML financial documents to reduce hallucinations.Contributed to frontend and backend development, AngularJS-to-Angular migration, testing, and production delivery in an Agile environment.

EXTRACURRICULARS

- **Code Club:** *Co-Head*
  Organizing events such as hackathons, orientation sessions, workshops, guest lectures, and coding contests.
- **IEEE Cummins College of Engineering for Women:** *Branch Secretary*
  Coordinated communication across various sub-teams and managed the club's external representation.