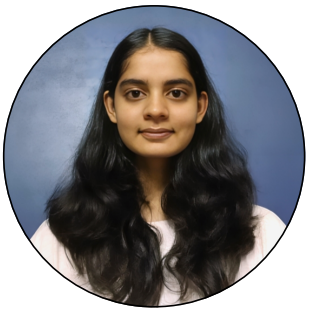

Anushka Kulkarni

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

Pune, Maharashtra
Contact No. : +91 8766838415
Email : anushkaykulkarni@gmail.com
GitHub : https://github.com/anu-shka-k
LinkedIn : https://www.linkedin.com/in/anushkaykulkarni/

EDUCATION

MKSSS's Cummins College of Engineering for Women, Pune
2022-2026 CGPA - 8.35 (current)

MTES Junior College, Pune
2020-2022 CET - 91% (percentile)

SES Gurukul, Pune 2007 - 2020
CBSE Board - 92.8% (percentage)

SKILLS HIGHLIGHTS

- Embedded C/C++, Verilog and Arduino
- Cadence, Xilinx, Keil and Proteus
- Python (ML) and Fullstack development
- Tools: Git, Figma and Latex

CERTIFICATIONS

- India Semiconductor Workforce Development Program (ISWDP)
- Python Data Structures : Coursera
- Google Cloud Cohorts
- TOPIK II : Level 3

LANGUAGES

- English - Professional Proficiency
- Marathi - Native Proficiency
- Korean - Elementary Proficiency (L3)

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

- **Research Project through 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.

- **Project Posture:**
  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 Prediction 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.

EXTRACURRICULAR ACTIVITIES

- **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.