

Anurag Dashore

Phone: +91 83191 23213 | Email: anuragdashore1024@gmail.com

[GitHub](#) | [LinkedIn](#) | ANURAG-DASHORE.github.io



Objective

Mechanical Engineering student at IET DAVV with a foundation in programming and industrial engineering. Skilled in C/ C++, Python, and Linux, with hands-on experience in lean manufacturing and assembly line optimization. Looking to apply technical skills in software development or mechanical sales and management roles.

Education

IET DAVV, Indore (Institute of Engineering & Technology - Devi Ahilya Vishwavidyalaya, Indore) (Dec 2026 Expected)

B.E. in Mechanical Engineering | CGPA: 5.54 (current)

Key Courses: Basics of Programming with C/C++, OOP with Java, DSA, SQC | TQM, Mechatronics.

XII: 83% (2021) | X: 73.2% (2019) — Prestige Public School, Indore (CBSE)

Technical Skills

Languages: C/C++, Python | **DSA:** Arrays, Linked Lists | **OS:** Windows, Linux (Debian/GNOME)

Tools: Git, Gemini API, OpenCV | **Engineering:** Lean Manufacturing, Kanban, JIT, Time & Motion Study, PFD, PLM

Projects

Assembly Line Efficiency & Material Handling [Final Year Project] -[\[Link\]](#) (Aug 2025 – May 2026)

Mentor: Dr. Devendra Singh Verma (HoD, Institute of Design, DAVV — DAVID-DAVV) · Anand Air Cooler, Indore · Collaborative Project (Team of 4)

- AS-IS time study: Standard Time of 33.26 min/unit; 24% cycle time lost to material transport identified via PFDs.
- Proposed U-shaped/Continuous Flow layout eliminating backtracking; reduced worker travel distance significantly.
- Designed Kanban system; introduced DPRs and standardized Production Schedules to prevent overproduction.
- Balanced assembly sequence for Motor, Fan, Cooling Pad, Pump; documented SOPs and Process Flow Diagrams.

Tools: Lean Manufacturing, Kanban, JIT, Muda Reduction, Time & Motion Study, PLM

BIS Hackathon: Optimized Safety Helmet Design (Nov – Dec 2024)

Bureau of Indian Standards · On-Campus Hackathon · 60–80 teams, 2 members each

- Designed conceptual helmet model per IS 4151; integrated IoT-based traffic signal detection for rider safety.
- Collaborated on material durability and user ergonomics analysis for regulatory compliance.

Gemini CLI Chat Bot — Python, Gemini-1.5-flash (Jan – Feb 2025)

- Terminal-based Python chatbot using Gemini API for real-time AI conversations from IDE terminal, CMD, or PowerShell.

Tech: Python, Gemini-1.5-flash | GitHub: github.com/ANURAG-DASHORE/GEMINI_AI_CHAT_BOT

Image Editor Pro — OpenCV Basics — Python, OpenCV (Feb – Mar 2024)

- Built an image processing pipeline in Python using OpenCV; displays original, grayscale, blurred, and edge-detected outputs simultaneously — introduced practical understanding of computer vision fundamentals.

GitHub: github.com/ANURAG-DASHORE/Image_Editor_pro

Certifications & Workshops

AI Workshop — Fluxus, IIT Indore -[\[Link\]](#) (Nov 2022)

Attended a 2-day hands-on workshop on Artificial Intelligence at IIT Indore.



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