

Kajal Lochab

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Portfolio (ongoing): kajal lochab

SKILLS SUMMARY

- **Languages:** Python, JAVA, C, HTML, CSS, JavaScript(basics)
- **Tools and Platforms:** Git, Mac, Linux, Windows, Google Cloud Platform (GCP), Azure, PHP(basics)
- **Soft Skills:** Project Management, Leadership, Event Management, Content Writing, Public Speaking

EDUCATION

- **Institute of Technology, Nirma University** Ahmadabad, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 9.05 July 2021 - June 2025
- **Amarjyoti Saraswati International School** Bhavnagar, India
ISC Board: 99% and ICSE Board: 97% July 2021 and May 2019

EXPERIENCE

- **Google STEP Intern, Student Training in Engineering Program 2023 in SM, GCP** Pune, Maharashtra
Intern(Full-time) Jun 2023 - Aug 2023
 - Developed and tested a framework to enable bulk operation in Secret Manager Service, GCP.
 - Organised a session on Project Management for all 2023 Summer Interns at Google India.
 - Won People's Choice award for my summer intern project and Spot Bonus for Intern Demo Day at IN-PNQ.
- **Google Developer Student Clubs** Ahmedabad, Gujarat
Nirma University, Lead Jul 2023 - Present
 - Formed a team of 20+ core-members with 500+ members, and hosted boot camps to enhance skills and regional progress.
 - Conducted sessions and shared valuable insights as a former Google STEP intern to prepare students for internship opportunities.
 - Facilitated technical workshops on resume building and ML, collaborating with university clubs to enhance cross-disciplinary learning.
- **Women Engineering Program offered by TalentSprint and supported by Google** Remote
Student Mar 2022 - Mar 2024
 - Selected as one of the 250 out of 30,000+ applicants to TalentSprint's Women Engineers Programme supported by Google.
 - During this program, I developed my technical skills in Python and learned essential corporate skills such as time management, goal setting, project management, and design thinking.
- **DefEating Disorders: Eating disorder narrative diversification NGO.** Gurugram, Haryana
Intern Jun 2021 - Apr 2022
 - **Content Writer:** Wrote articles and poems on various eating disorders like pica, atypical anorexia, bulimia, etc.
 - **Script Writer:** Contributed to the scripts for interview with Ms. Amita Gondi and Ms. Arusha Jha.

PROJECTS

- **Rudra (Hexapod): For Gujcost Robofest 3.0, a multi-locomotion hexapod robot. :** Dec 2022 - Jan 2024
Collaboratively built for inspection purposes with 3D mapping and obstacle avoidance. Includes gas detection, Python GUI development for real-time data monitoring, and OpenCV for tracking. (Applied for Patent)
Tech Stack: Arduino, Servos, Sensors (Gas, LiDAR, etc.), SOLIDWORKS, OpenCV & Python
- **Chess AI: It is a simple chess game which runs on a flask server. :** Dec 2022 - Jan 2023
The primary functions of the game are AI Vs Human and Self Play (i.e. AI vs AI). It warns the user when it is checked and when it is a checkmate. Tech Stack: Python
- **Stack Up: A Tower Surveillance Robot:** Aug 2022 - Aug 2023
This project is funded by Nirma University under Dr. Jatin Dave, Dr. B. A. Modi, Dr. Reena Trivedi and Dr. Mihir Chauhan.
Tech Stack: Arduino, Java, AutoCad & SOLIDWORKS
- **2048 Game:** Jun 2022
2048 is a single-player, addictive sliding puzzle game where tiles are combined through addition. Tech: Python & Tkinter

HONORS AND AWARDS

- An alpha Microsoft Learn Student Ambassador empowering student communities and building tech skills
- Eligible in Scholarship for Higher Education(SHE): by virtue of performance within top 1% of the School Board at Class XII

VOLUNTEER EXPERIENCE

- **Team Merakii: A social club by teenagers** Bhavnagar, India
I am the Founding Member and Outreach manager. Organised fundraiser and various animal feeding drives Jan 2019 - Present
- **Unfiltered Space: A social club** Delhi, India
Content and script writer for mental health issues and helping people open up about their issues. Aug 2022 - Aug-2023
- **Teens4Teens: A unique group of teenagers who helping teens with their mental health.** Delhi, India
I organized online events, wrote poems and articles on various mental health disorders. Jul 2020 - March 2022