

# GAURAV SINGH

(408)-210-1534 | San Jose, CA | [gaurav.singh02@sjsu.edu](mailto:gaurav.singh02@sjsu.edu) | [linkedin.com/in/gaurav13020](https://www.linkedin.com/in/gaurav13020) | [Github](#) | [My Portfolio](#)

## EDUCATION

### San Jose State University

Master of Science - Software Engineering (Courses - Enterprise Software, Data Mining)

San Jose, CA

May 2026

### Pune University

Bachelors of Engineering [GPA 8.9/10] (Courses - AIML, Numerical Methods)

Pune, MH, India

May 2023

## SKILLS

MS Excel, MS Word, Teams, Powerpoint Python, Coding, Graphic design, Canva Communication, Team Work, Leadership

## EXPERIENCE

### Software Engineer

Pratyin Infotech

June 2023 - May 2024

Pune, MH, India

- Developed a real-time collaboration API using Express and NodeJS, AWS, Kafka, and CI/CD pipeline.
- Implemented advanced data synchronization and conflict resolution algorithms using MongoDB and WebSockets, ensuring data consistency across multiple user sessions and real-time updates, reducing data conflicts by 60%.

### AIML Lab

Assistant

Aug 2022 - May 2023

Pune, MH, India

- Assisted in setting up and configuring lab computers, ensuring all AI/ML software tools were installed, updated, and functioning correctly for student use.
- Conducted regular maintenance and troubleshooting of lab systems to prevent software-related disruptions during practical sessions.
- Managed and maintained student records using Excel, creating organized and accurate databases for tracking progress and attendance.
- Generated detailed reports using Microsoft Word to document lab activities, software updates, and system performance for the professor.
- Provided technical support to students during lab sessions, helping them navigate software tools and resolve technical issues efficiently.

### Creative Head

Mechanical Engineering Students' Association

Aug 2021 - May 2023

Pune, MH, India

- Led a team of 10 students in designing and producing engaging flyers and posters for departmental events.
- Developed and implemented creative marketing strategies to maximize event attendance, resulting in a 30% increase in turnout compared to previous years.
- Collaborated with department faculty and staff to align event themes with academic goals and industry trends.
- Conducted post-event surveys and analyzed feedback to continually improve event quality and relevance.
- Mentored team members in graphic design software and marketing techniques, enhancing the overall quality of promotional materials.
- Established partnerships with local businesses for event sponsorships, reducing event costs by 20%.

### Barista

Frozen Bottle

Aug 2022 - May 2023

Pune, MH, India

- Prepared a variety of espresso-based drinks and specialty beverages using standard measures and recipes.
- Operated POS system to accurately process customer orders and handle cash and credit card transactions.
- Maintained cleanliness of service area, including replenishing condiments and supplies.
- Adhered to food safety standards, including FSSAI principles, to ensure proper food handling and storage.
- Provided exceptional customer service, greeting customers courteously and addressing their needs promptly.
- Collaborated with team members to ensure efficient service during peak hours.

## EXTRA CURRICULAR

### Engineering Today

Feb 2023

- Conceptualized and executed an engaging dart board game for the Engineering Today event, attracting over 100 participants and enhancing overall event engagement.
- Managed all aspects of the game, including design, setup, rule creation, and prize coordination, demonstrating strong organizational and creative problem-solving skills.