# KOMAL NAVIN PANDEY

Mumbai, IN 400077 | +91-9726004225 | komalnavinpandey@gmail.com | https://www.linkedin.com/in/komal-pandey-13a205343/

## EDUCATION

**K.J. SOMAIYA COLLEGE OF ENGINEERING, Mumbai**                   *Aug 2023 - Jun 2027*
*B.Tech. in Electronics and Computer Engineering*

- Coursework – Data Structure and Algorithm, Software Development, Object-Oriented Programming, Mathematics and logic-Discrete Mathematics and linear Algebra, Digital Electronics aur Analog Circuit

## PROJECTS AND TRAINING

### Redshift Racing                                               *Nov 2023 – Jan 2024*
Mumbai, India
*Creative team member*

- **Responsibilities:** Spearheaded the design and execution of Abhiyantriki (A college fest), ensuring alignment with the club's mission. Coordinated with a cross-functional team of 8 members, fostering innovative ideas and delivering high-quality outputs under tight deadlines.
  Managed creative challenges during Abhiyantriki, implementing solutions that improved the final outcome

### Project Name: PCOD Goals Tracker (GitHub)
Technologies Used: Java, Swing (Java AWT and Swing libraries)

- **Project Description**: Developed a desktop application to help users manage their goals, set reminders, access motivational resources, and learn more about PCOD (Polycystic Ovarian Disease). The project focuses on user engagement and utility, offering a clean and intuitive interface.
- **Key Features:**
  - **Goal Management**: Allows users to add, view, and track personal goals.
  - **Reminder System**: Enables users to set time-based reminders with custom messages.
  - **Motivational Support**: Integrates motivational messages and videos to encourage users.
  - **Resource Access**: Provides links to curated resources like yoga videos and educational articles about PCOD. **Skills Demonstrated**: Front end Development, Responsive Design, UI/UX best practice.

### Project Name: Applicant Admission Queue Management System (GitHub)
Technologies Used: C++, Object-Oriented Programming

- **Project Description:** Designed and implemented a C++ program to manage an applicant admission queue based on percentile rankings. The system prioritizes high-performing applicants, assigns branches, and provides efficient operations for managing applicant records.
- **Key Feature and Components:**
  - **Priority-Based Queue:** Applicants are automatically sorted by percentile in descending order upon addition.
  - **Branch Allocation:** Assigns branches based on percentile thresholds (e.g., Computer Science, IT, Electronics).
  - **Applicant Management:** Enables adding applicants, removing applicants by roll number, and dequeuing the highest-priority applicant.
  - **Display Functionality:** Provides a detailed view of all applicants along with their assigned branches.
- **Skills Demonstrated:**
  - Data Structures (Linked Lists)
  - Algorithm Design, Object-Oriented Programming (Encapsulation, Classes)
  - Problem-Solving

### In House Internship (KJ Somaiya College Of Engineering)          *Dec 2024 – Jan 2025*
Mumbai, India
*Research and UI/UX*

- Conducted research on pre-defined topics provided by the organization's website.
- Enhanced the user appeal of research papers through creative design, modern typography, and engaging visuals.
- Leveraged generative AI tools to produce high-quality images that complement the research content.
- Optimized the presentation of research papers for seamless integration with the website's layout and user interface.

# KOMAL NAVIN PANDEY

Mumbai, IN 400077 | +91-9726004225 | komalnavinpandey@gmail.com | https://www.linkedin.com/in/komal-pandey-13a205343/

**COURSES:**
- Currently doing *The Web Developer Bootcamp 2024* from Udemy.
- Plasmid Development course- *Sept 2023- Nov 2024.*

## SKILLS & INTERESTS

- **Technical Skills –**
  - Technical skills- Proficient in JAVA, C++, C programming and Frontend Development.
  - Problem solving platforms:
    https://www.geeksforgeeks.org/ - for practicing java and DSA
    https://www.hackerrank.com/profile/pandey_kn -for C programming
    https://github.com/komalpandey728 -project repositories

- **Interests -** Passionate about Software development, Algorithm Design and Problem Solving,