# ANIKET KSHIRSAGAR

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## EDUCATION

**Pace University,** New York                                                                          **Expected May 2025**

Masters in Computer Science

**Savitribai Phule Pune University,** India                                                        **August 2021**

Bachelor of Engineering in Computer Science

## TECHNICAL SKILLS

*Programming Languages:* React.js, Java, Python, HTML, CSS, JavaScript, TypeScript, C++

*Frameworks and Tools*: IBM Z Mainframe, Flutter, React-Native, Android-Studio,

*Database Management:* SQL, MongoDB

*Version Control:* Git, GitHub

*Cloud Services:* Firebase, Amazon Web Services

## WORK EXPERIENCE

**Infosys Pvt Ltd.,** India                                                            **September 2021 - August 2023**

*Mainframe Developer*
- Spearheaded key functions, delivering a remarkable 20% boost in project efficiency, showcasing a strong commitment to optimizing operational processes and achieving tangible results.
- Revolutionized RBS financial operations, achieving a 30% boost in efficiency through the development and upkeep of vital mainframe applications in high-stakes environments.
- Engineered scalable code with a 15% performance improvement, demonstrating a proactive approach to evolving project requirements for long-term adaptability and success.

## LEADERSHIP EXPERIENCE

*Technical Head | ROBOTICS Club AISSMS IOIT*                                       **January 2018 – March 2019**
- Effectively led and coordinated four robotics competitions, showcasing excellent leadership and organizational abilities while supervising twenty-four people in a fast-paced, cooperative setting.
- Strategically optimized event logistics, maximizing resources for flawless execution with innovative precision.

## ACADEMIC PROJECTS

*Team Member | Final Year Project | E-Ration System*                              **December 2020 – May 2021**
- Created a cutting-edge E-Rationing system in Java and MySQL that reshaped the industry and resulted in an unheard-of 35% decrease in corruption in the Public Distribution System (PDS).
- Transformed system efficiency with unparalleled precision and speed by implementing the K-Nearest Neighbors (KNN) method to intricately categorize diverse ration card types.
- Created strong authentication and transparent online registration in government ration stores, ultimately tackling corruption head-on.

*Team Member | Face Recognition Attendance System with OpenCV*          **September 2019 – November 2020**
- Developed a robust facial recognition system with Grayscale image processing and the Eigenfaces algorithm, ensuring reliable performance in varied lighting conditions.
- Transformed face detection precision by integrating OpenCV's Haar Cascade classifier, achieving an impressive 98% accuracy.
- Elevated recognition to unprecedented levels through advanced image pre-processing mastery, emphasizing critical consistency in face feature size and location.

*Team Member | Real-Time Multiplayer Game*                                         **February 2019 – May 2019**
- Administrated real-time multiplayer game development, demonstrating expertise in applying complex algorithms for low-latency network transmission and high game state consistency.
- Streamlined and enhanced algorithms for quick gameplay, low latency, and reliable multicast, ensuring flawless gameplay through extensive performance testing.
- Enhanced data security through robust measures: strict access controls, encryption integrity, and proactive threat mitigation via thorough security testing.

*Team Member | Intrusion Prediction (DDos Attack) using SVM*                     **October 2018 – January 2019**
- Engineered a groundbreaking tree-structured Multiclass SVM system, achieving an astonishing 98.5% accuracy in the precise detection of DDoS attacks.
- Deployed powerful SVM using Scikit-learn and Numpy, showcasing mastery in machine learning and data analysis.