

# SMIT VEKARIA

Ithaca, NY | P: +1 (224) 319-6483 | sv489@cornell.edu | linkedin.com/smit-vekaria | github.com/smit-18

## EDUCATION

### CORNELL UNIVERSITY

Ithaca, NY

Master of Engineering in Engineering Management (GPA: 4/4)

Aug 2023 - Dec 2024

- **Relevant Coursework:** Data Analytics, Decision Framing & Analysis, Project Management, Marketing Management

### PANDIT DEENDAYAL ENERGY UNIVERSITY

Gandhinagar, India

Bachelor of Technology in Computer Engineering (GPA: 3.97/4)

Aug 2019 - May 2023

- **Relevant Coursework:** Database Management Systems, Machine Learning, Web Technologies, Data Structures and Algorithms

## RELEVANT EXPERIENCE

### QUICKO - Software Engineering Intern, Ahmedabad, India

Jan 2023 – May 2023

- Led a team of three developers through the end-to-end development of an order application, which led to a remarkable 15% reduction in order-processing time
- Spearheaded the creation of APIs for the order processing and workspace applications, seamlessly integrating them with clients, resulting in a 20% improvement in data accessibility
- Managed user and metadata within the DynamoDB database, applying methodologies for data modeling and validation, resulting in a 15% increase in data accuracy and integrity
- Implemented robust backend systems, utilizing AWS, Flutter, and NodeJS while thriving in a fast-paced agile development environment, resulting in 98% uptime and seamless integration with existing systems

### SIEGER CREATIONS - Web Development Intern

Jun 2022 – Aug 2022

- Demonstrated proficiency across multiple development skills, including JavaScript, HTML5, and CSS, by creating and delivering responsive web pages for clients, resulting in user-friendly and visually appealing web experiences
- Tailored MySQL database connections for client websites by collaborating with a team of 3, resulting in optimizing data retrieval speed by 20%

## LEADERSHIP EXPERIENCE

### SCIENCE AND TECHNICAL COMMITTEE, PDEU - Web Development Lead

Aug 2021 – May 2022

- Led a team of 3 individuals in the development of club websites, overseeing the entire project from start to finish
- Coordinated tasks, managed timelines, and ensured the websites met the club's specific requirements and objectives

### ENCODE: THE COMPUTER SCIENCE CLUB, PDEU - Frontend Web Developer

Sep 2020 – Aug 2021

- Collaborated with a team of 4 to develop the front end for multiple student association websites, serving over 1,000 students
- Created prototypes for 5 websites tailored to client requirements, serving as a foundation for effective web development

## PROJECTS

### SUMMARIZATION OF RESEARCH PAPER INTO A PRESENTATION

Dec 2022

- Developed a Natural Language Processing model for automated text summarization, which involved selecting optimal models for comparison and utilizing the ROGUE score to quantify the summary quality, driving iterative model improvements

### STUDENT PERFORMANCE ANALYSIS AND PREDICTION

Jun 2022

- Collaborated with 2 team members and utilized Machine Learning techniques including Decision Tree, SVM, and Random Forest to analyze demographic and behavioral data, ultimately presenting the findings in a 15-page report to a panel

### E-VOTING DATABASE MANAGEMENT SYSTEM

Dec 2021

- Designed and developed a comprehensive Database Management System (DBMS) for E-Voting, using the concepts of Relational Database systems and incorporation of over 1000 dummy data entries for testing and implementation

## ADDITIONAL

**Technical Skills:** Flutter, Angular, Node.js, SQL, MongoDB, Python, R, C++, Java, JavaScript, TypeScript, React.js

**Additional Skills:** Amazon Web Services (AWS), Machine Learning, Data Analysis, Microsoft Suite, Google Suite, Figma

**Certifications:** Machine Learning for Data Science and Analytics - edX (ColumbiaX); React: The Complete Guide - Udemy

**Interests:** Cyclist (30 mi Cyclathon achievement); Seasoned Traveler across 7 countries; Avid Hiker with summits at 12,500 feet.