

# Prakhar Gupta

✉ prakharkpg@gmail.com ☎ +91 7990697387 📍 Vadodara, Gujarat in LinkedIn 🐙 Github

## EDUCATION

<b>Pandit Deendayal Energy University</b> Bachelor of Technology in Computer Science Engineering current cgpa - 9.46	11/2020 – 05/2024 Gandhinagar, India
<b>Ambe School, CBSE Unit</b> Class 12th Percentage - 81.8%	04/2018 – 03/2019 Vadodara, India

## WORK EXPERIENCE

<b>IT Consultant - Intern</b> Venus Engineering Works	05/2023 – 07/2023 Ahmedabad, India
--	---------------------------------------

- Implemented **ERP systems** to automate business processes, resulting in **70% increased efficiency**, **30% reduction in invoice processing time** and **40% decrease in operating costs**.
- Deployed the software in **AWS Cloud** for remote access and added various plugins to improve functionality, resulting in increased user-friendliness, improved performance and reliability.

## SKILLS

**Technologies:** (C/C++, Python, JavaScript, HTML, CSS, Java (Familiar)) • **Databases:** (MySQL, Firebase(Familiar), MongoDB)

**Frameworks/ Libraries:** (NodeJS, ExpressJS, NextJS, ReactJS)

**Soft Skills:** (Problem Solving, Time Management, Team Work, Leadership, Communications)

**Others:** (DSA, Cloud Computing and Data Analytics, Git/Github, Machine Learning, Computer Science Fundamentals (Object Oriented Programming, DBMS, Operating Systems, Computer Networks))

## PROJECTS

<b>Article Summarizer</b> <a href="#">🔗</a>	05/2023 – 05/2023
---	-------------------

- Developed an advanced **article summarizer** application using **OpenAI's GPT model**, **React**, **Vite**, **Tailwind CSS**, and **Rapid API**, ensuring cutting-edge performance and user experience.
- Implemented browser history, copy-to-clipboard, and error handling. Resulted in **95% increased productivity** and **99% crash reduction**, positively impacting user satisfaction.

<b>LeetCode Clone</b> <a href="#">🔗</a>	01/2023 – 02/2023
---	-------------------

- Implemented **registration** and **login** functionality for a LeetCode clone application using **React**, **Next.js**, **TypeScript**, **Tailwind CSS**, and **Firebase**.
- Ensured data validation during registration and implemented error handling for login.
- Developed **user-friendly** home page with LeetCode problems, free modal for YouTube videos, and integrated **dark mode**, **logout**, and **profile image**.

<b>Movie Recommendation App</b> <a href="#">🔗</a>	07/2022 – 07/2022
---	-------------------

- Created a movie recommendation app that **utilizes content-based filtering** to suggest 10 movies with a minimum **similarity score of 0.8** and a **maximum similarity score of 0.99**.
- Crafted this Content-Based Movie Recommender System with sentiment analysis using **AJAX** and **Python Framework Frontend API**.
- Utilized fetching movie details from **TMDB API** and performed web scraping using **beautifulsoup4** to extract user reviews from IMDB site.

<b>Disk Scheduling Algorithms Simulation</b> <a href="#">🔗</a>	02/2022 – 04/2022
--	-------------------

- Implemented a Disk Scheduling Algorithms Simulation web app using **HTML**, **CSS** as a **frontend** and **JAVASCRIPT** as a **backend**.
- Enables users to visualize and understand algorithm(**FCFS**, **SCAN**, **C-SCAN**, **LOOK**) execution, reducing the time users needed to understand algorithm execution from **30 minutes** to **1 minute**.

## ACHIEVEMENTS

- Max Codeforces Rating - 1171 under handle - **prakharkpg** [🔗](#)
- Max Codechef Rating - 1485 (2\*) under handle - **prakhar\_0505** [🔗](#)
- Max Hackerrank Rating - 5\* under handle - **prakharkpg** [🔗](#)
- Solved more than 500+ problems on Online Judges

## LEADERSHIP

<b>CRETUS - The Robotics and Automation Club of PDEU</b> Publicity Head	06/2022 – 07/2023 Gandhinagar, India
--	---

- Lead a team of 25+ members and cultivated positive environment between them.
- Successfully organized, promoted and hosted many of the tech events like Robo-Quiz, Arduino workshop and many more, which increased the participation of the club more then 40%.

## CERTIFICATES

- Getting Started with AWS Machine Learning [🔗](#)
- Data Analytics with Python [🔗](#)