

RITI VAKIL

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EDUCATION

Sardar Patel Institute of Technology

Dec 2021 - May 2025

Major: B.Tech Computer Engineering (CGPA-8.9)

Coursework: Algorithms, Data Structures, Operating Systems, Databases, Networks, OOP

S.P. Jain Institute of Management and Research

Jan 2023 - Apr 2025

Minors: Finance and Management

Coursework: Basics of finance and accounting, an overview of financial system and markets.

TECHNICAL EXPERIENCE

Full Stack Developer Intern

May 2023 - August 2023

Saral Technologies, WO Health- a startup focusing on women health

Remote

- Developed a responsive website using HTML, CSS, and JavaScript to ensure cross-browser compatibility and mobile responsiveness and implemented efficient backend processes by optimizing database queries, resulting in improved website speed and responsiveness.
- Collaborated with the design team to enhance the website's UI/UX, which resulted in a decrease in bounce rate and an increase in average session duration.
- Curated content to cater to the user needs, optimized content structure, metadata and keyword usage to improve the website's search engine ranking and visibility.

PROJECTS

Plant Disease Detection and Cure. Built a Deep learning model using CNN to detect diseases in plant which suggests the precautionary measures and cure by using PyTorch, Flask, HTML and CSS.

Crypto App. Developed a website which displays live stats and news about all the cryptocurrencies using Coin-ranking API and Bing News API. Made using React.js, Redux toolkit and Ant design.

Hotel Management System. Created a database management system to keep a track of available rooms, book rooms and generate invoice using MySQL, Python, Tkinter.

SKILLS

Technical Skills Java, Python, C, MySQL, MongoDB, React.js, Node.js, Express.js, HTML, JavaScript
CSS, Git, PyTorch

Soft Skills Time Management, Verbal and Written Communication, Excellent Networking

POSITIONS OF RESPONSIBILITY

Vice-Finance Secretary at Student Council-Sardar Patel Institute of Technology.

Sept 2022 - Present

- Managed finances for 15+ college committees and events, oversaw budgeting, expense tracking, played a key role in financial decision-making and resource allocation and conducted regular audits to verify accuracy and resolve discrepancies.

Public Relations Head at Computer Society of India.

Oct 2022 - Present

- Successfully publicized events and collaborated with various colleges to attract a larger audience, resulting in 1000+ participants for an all over India hackathon, demonstrated excellent communication, negotiation, and interpersonal skills to invite industry experts for all events being organized.

RELATED COURSES

- J. P. Morgan Chase and Co. College to Corporate Program

May 2023 - Present