

# RITI VAKIL

8850835123 ◇ Mumbai, India

[ritivakil3@gmail.com](mailto:ritivakil3@gmail.com) ◇ [linkedin: riti-vakil](#) ◇ [github: riti-vakil](#) ◇ [Portfolio](#)

## EDUCATION

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### 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

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### Full Stack Developer Intern

May 2023 - Present

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 20% decrease in bounce rate and a 15% increase in average session duration.
- Curated content to cater to the user needs, optimized content structure, metadata, keyword usage and employed SEO strategies to improve the website's search engine ranking and visibility.

## PROJECTS

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**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 book rooms through user login and keep a track of employees using employee login using MySQL, Python, Tkinter.

## SKILLS

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**Technical Skills**      **(Proficient)** Java, Python, C, MySQL, React.js, MongoDB, Express.js, Node.js, HTML, JavaScript, CSS, Git  
**(Familiar)** TypeScript, PyTorch, BootStrap, PowerBI

## POSITIONS OF RESPONSIBILITY

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**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 by the committee.

## RELATED COURSES

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- JPMC College to Corporate Program

May 2023 - Present