

Rouhin Gandhi - Resume

ROUHINGANDHI

Birth Date: 19/09/2004

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LinkedIn: <https://linkedin.com/in/rouhin>

Github: <https://github.com/rouhin12>

Education

SVKM's NMIMS Mukesh Patel School of Technology Management & Engineering

BTech, Computer Engineering (2022 - 2026)

- Relevant Coursework: Algorithms, Data Structures, Web Development, etc.

Experience

GISE Hub, IIT-Bombay

Geospatial and Software Intern | May 2024 - July 2024 | Mumbai, Maharashtra, India

- Developed tools for geospatial data analysis using Python.
- Collaborated with the GISE Hub team on innovative projects, enhancing geospatial data visualization.
- Assisted in developing GIS applications for real-time data analysis.
- Developed software web applications using Django.

Freightwalla

Sales and Strategy Intern | June 2022 - August 2022 | Mumbai, Maharashtra, India

- Supported sales team with administrative assistance and coordinated paperwork.
- Managed customer expectations and supported client acquisition strategies.

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Projects

Bladder Filling from Initiation to Completion of Radiotherapy in Women with Cervical Cancer using GANs |

September 2024 - Present

- Collaborating with a team of researchers to use AI (Generative Adversarial Networks) for predicting bladder volume variations in cervical cancer patients undergoing radiotherapy.
- Collected and pre-processed CT scan data for training AI models to enhance radiotherapy treatment planning.
- Developed an AI model to accurately predict future bladder volume changes and assist in improving radiation targeting while minimizing side effects.
- Employed medical imaging techniques and quantitative analysis to optimize treatment efficacy in cancer therapy.

Volunteer Work

Rotaract Club of Western Suburbs, Joint Secretary (June 2023 - June 2024)

Rotaract Club of Bombay West, Partners In Services Director (May 2022 - Jan 2023)

Skills

Programming: C++, Python, R, Java, HTML, JavaScript, SQL, Django

Top Skills: SaaS, Strategy, Software Development

Extracurricular Activities

Head of R&D, Tark

- Founded and led a successful college-wide debating society, showcasing leadership and communication skills.

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Core Council, LAIMUN Society

- Extended an international MUN society's roots to India and now serve in the capacity of core council.

Hackathons

- Participated in multiple hackathons and secured runners-up position in the same.