

Rouhin Gandhi - Resume

ROUHINGANDHI

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Education

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

BTech, Computer Engineering (2022 - 2026)

- Relevant Coursework: Algorithms, Data Structures, Web Development, Databases, AI

Experience

GISE Hub, IIT-Bombay

Geospatial and Software Intern (May 2024 - July 2024)

- Developed geospatial data analysis tools using Python, enhancing spatial visualization.
- Worked on GIS applications for real-time data, improving accuracy in data insights.
- Contributed to Python-based automation for large-scale data processing.

Freightwalla

Sales and Strategy Intern (June 2022 - Aug 2022)

- Assisted in sales strategies and market research, helping optimize client acquisition.
- Managed administrative tasks, enhancing team efficiency and client onboarding process.

Projects

Bladder Filling Prediction during Radiotherapy using GANs (Sep 2024 - Present)

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- Collaborating on AI research to predict bladder volume changes in cervical cancer radiotherapy patients.
- Pre-processed medical imaging data and trained models for accurate volume predictions.
- Developed AI models to assist radiation oncologists in minimizing side effects.

Web-based GIS Platform (2023)

- Built an interactive GIS platform using Leaflet.js for real-time spatial queries.
- Integrated geolocation features and dynamic data layers to enhance user experience.

Volunteer Work

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

- Managed club operations, coordinated events, and expanded member outreach.

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

- Led community service projects, liaised with partners for successful project execution.

Skills

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

Technical Skills: GIS, Web Development, Data Analysis, Machine Learning

Soft Skills: Leadership, Teamwork, Communication, Strategy

Extracurricular Activities

Head of R&D, Tark

- Founded and led a debating society, organizing college-wide debate tournaments.

Core Council, LAIMUN Society

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- Helped establish and run an international MUN society, expanding its presence in India.

Hackathons

- Participated in multiple hackathons, securing top positions and building innovative solutions.