

# Vishank Singh

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## Skills

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**Tech Skills:** Python, Reactjs, HTML, CSS, JS, SQL, Git, FASTAPI

**Tools:** MySQL, PostgreSQL, PowerBI, Docker, GCP

## Experience

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**Front-End - React.js** , TCET ACM SIGAI

September 2024

- Contributed to the development of the official website for a college department's technical club as part of the core technical team.
- Designed and implemented the "**meet the team**" page using React and CSS, showcasing dynamic team member profiles with responsive layouts and clean UI.
- Collaborated with team members to ensure consistency with the overall site design and user experience.

**HR Intern**, Junoon Foundation

May 2024

- Interned with a non-profit organization focused on providing educational support to underprivileged students.
- Worked in the HR department, where I was responsible for volunteer engagement.
- Handled a database of potential volunteers, reached out to individuals who had previously shown interest, and inquired about their current willingness to participate.
- Helped maintain updated records and supported onboarding coordination efforts.

## Projects

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**CI/CD Pipeline using Github Action**

**Tech stack:** Github Action, Docker, GCP, Python

- Designed and implemented an automated CI/CD pipeline for a Python-based application using GitHub Actions.
- The pipeline includes steps for code linting, unit testing, build automation, and deployment to a staging environment.
- Leveraged workflows to enable continuous integration on every pull request and continuous deployment on merges to the main branch.
- Ensured faster development cycles, improved code quality, and minimized manual intervention.

**Tic Tac Toe AI**

**Tech stack:** Python, Streamlit

- Developed an interactive Tic Tac Toe game with a user-friendly web interface using Streamlit.
- The game features two modes: Player vs Player and Player vs Computer.
- Implemented the AI opponent using the Minimax algorithm with Alpha-Beta Pruning to optimize move selection and game performance.
- Designed for intuitive gameplay and deployed locally for seamless access.

**Fitness Nirvana Website - Frontend**

**Tech stack:** HTML, CSS, JavaScript, Framer

- Designed and developed a fully responsive, user-friendly website for a fitness center offering a wide range of gym services and activities.
- Implemented key features such as activity listings, trainer profiles, class schedules, membership plans, contact forms, and a modern, mobile-optimized UI.
- Focused on intuitive navigation and strong visual design to enhance user engagement and improve client acquisition.

## Education

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**B.Tech in AI & ML**,

Thakur College of Engineering and Technology, Mumbai

Expected Graduation: 2027

CGPA: 7.65/10