

# RICHITA PATNAIK

Damanjodi, Odisha, India

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## EDUCATION

Vellore Institute of Technology, AP campus

BTech in Computer Science Engineering (core) - CGPA - 8.59

09/2022 – present

Amaravati, Andhra Pradesh

## COURSEWORK / SKILLS

- Python for programming
- OOPS (Java)
- Data Structures & Algorithms
- Operating Systems
- Computer Networks
- Database Management System (DBMS)
- Artificial Intelligence
- Machine Learning
- NoSQL databases

## PROJECTS

We:create (Online Mentorship Platform) | ReactJS, NodeJS

02/2024

- Utilized **ReactJS** for developing a user-centric platform that connects users with mentors across various fields, offering personalized mentorship experiences.
- Implemented **real-time chat** and **video conferencing** features using **WebSocket** and **WebRTC** with **NodeJS**, enabling smooth and immediate communication between mentors and mentees.
- Applied responsive design principles and scalable architecture in **ReactJS** to ensure an intuitive and consistent user experience across all devices.

WeatherWise | Spring Boot, Vaadin

06/2024

- Developed a dynamic weather application using **Spring Boot** for the backend, enabling efficient data processing and integration with weather APIs for real-time updates.
- Designed an intuitive and responsive **UI with Vaadin**, providing users with a seamless experience across devices while displaying detailed weather forecasts and conditions.
- Implemented features such as **location-based weather tracking** and **customized weather alerts**, enhancing user engagement and personalization.

## INTERNSHIP

CloudTern Solutions

06/2024 – 07/2024

Java Backend Developer

Hyderabad, Telangana

- \* Gained hands-on experience with **Spring Boot** for backend development, focusing on creating and managing **RESTful APIs** for seamless data integration.
- \* Developed a **weather application** as a key project, implementing real-time data fetching and processing to provide accurate weather forecasts.
- \* Enhanced skills in **API integration**, including designing and optimizing endpoints to improve performance and reliability of applications.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, SQL, NoSQL, R

**Developer Tools:** VS Code, IntelliJ IDEA Ultimate, Git, GitHub

**Technologies/Frameworks:** Linux, Spring Boot, Vaadin, ReactJS, Redux, NodeJS, MongoDB, WebSocket, WebRTC, HTML, CSS

## EXTRACURRICULAR

Microsoft Student Chapter VITAP 

11/2023 – 03/2024

Technical Team Member

VIT AP Campus, Amaravati

- \* Responsible for maintaining the team website, ensuring up-to-date content and functionality.
- \* Participated in team meetings and contributed to technical discussions and website improvements.
- \* Participation Certificate. 