

SANGAM ROHIT

Vishakapatnam, Andhra Pradesh
+91 8074396887 rohitsangam143@gmail.com

Education

National Institute of Technology, Andhra Pradesh <i>B.Tech, Biotechnology, CGPA : 7.8</i>	2021 – 2025 <i>Tadepalligudem, Andhra Pradesh</i>
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External Course

Web Development, Machine Learning (basics) <i>NxtWave (CCBP 4.0)</i>	2023 – 2025 <i>Online</i>
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Technical Skills

Programming: Python, JavaScript

Frontend: HTML, CSS, javascript, React.js

Backend: Node.js, Express.js

Problem-Solving: Data Structures and Algorithms

Database Management: DBMS (MySQL, MongoDB)

Projects

Nxt Trendz (ECommerce Clone- Amazon, Flipkart) <ul style="list-style-type: none">Developed core pages: Home, Product, Cart, and Login using React Router and React componentsEnabled secure authentication and authorization with JWT tokens and REST API calls.Technologies Used: React.js, JavaScript, CSS, Bootstrap, REST API, JWT Tokens.	Jun 2023
Movies App <ul style="list-style-type: none">Developed and implemented 4 routes for features such as Login, Home, Popular, and Profile using React Router components. (Route, Switch, and Link), improving user navigation and experience.Enabled secure authentication and authorization with JWT tokens and REST API calls.Technologies Used: React.js, JavaScript, CSS, Bootstrap, REST API, JWT Tokens.	Jan 2023

Work Experience

Software-Based Carbon Sequestration Analysis <i>NIT Trichy</i> <ul style="list-style-type: none">Developed a Python-based data analysis pipeline to monitor and visualize CO2 absorption in microalgae cultivation experiments.Applied machine learning (linear regression, decision trees) to predict carbon capture efficiency under varying growth conditions.Built a web dashboard using React.js and Chart.js to display real-time environmental and experimental data for decision-making.Managed experimental datasets using MongoDB, enabling structured storage and querying of bioreactor performance data.	May 2023 – Jul 2023
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Certifications

Database Management Systems <i>NPTEL, IIT Kharagpur</i>	2023
Maang Careers - Webinar Certificate <i>Maang Careers</i>	2023
AWS Workshop(EC2, RDS, Route53, S3, CloudFront) (basics) <i>Nxtwave</i>	2022

Positions of Responsibility

Student Co-ordinator, Training and Placement Cell <i>NIT Andhra Pradesh</i>	2024 - 2025
Executive Member, Prayatnam Club <i>NIT Andhra Pradesh</i>	2022 - 2023
Hospitality and Promotions Team, College Fest Vulcanzy <i>NIT Andhra Pradesh</i>	2022