

Sahithi Puchakayala

Khammam, Telangana, India

Bachelor of Technology

National Institute of Technology Durgapur

+91-9515780676

sahithireddy98668@gmail.com

GitHub Profile

LinkedIn Profile

EDUCATION

•Bachelor of Technology in Computer Science and Engineering

2022-26

National Institute of Technology Durgapur

CGPA: 7.66

PERSONAL PROJECTS

•Job Portal

Built a Job Portal web application using MongoDB, Express.js, React.js, and Node.js (MERN stack).

- Created separate dashboards for job seekers and employers using React.js and handled routing with React Router.
- Used Node.js and Express.js to build RESTful APIs for job posting, application, and user management.
- Stored user data, job listings, and applications in MongoDB, and implemented JWT authentication for secure login.

•Deepfake Detection using Long-Distance Attention

Developed a full-stack deepfake detection web application using Python, Django, HTML, CSS, and JavaScript.

- Integrated a deep learning model with Long-Distance Attention in the Django backend to detect deepfake videos
- Designed a user-friendly frontend using HTML, CSS, and JavaScript, allowing users to upload videos and view detection results.
- Used Django ORM with MySQL (WAMP Server) to store user data, video records, and detection outputs securely.

•Weather Seeker

A web app which gives the weather information of the location searched by user.

- Crafted a weather app that dynamically adjusts its background to match the searched location, seamlessly merging functionality with visual appeal.
- Successfully integrated two distinct APIs, OpenWeatherMap and UnsplashImages, into a unified, responsive web application.
- Technology Used : JavaScript , CSS, HTML, API.

EXPERIENCE

• Machine Learning Intern

Oct - Nov 2024

Uptricks Services Pvt.Ltd

Online

- Developed and deployed machine learning models in Python.
- Enhanced understanding of ML concepts and practical application.

ACHIEVEMENTS

- Secured 11328 rank in JEE Advanced 2022.
- Secured 12811 rank in JEE Mains 2022.
- Secured 1100 State rank in Engineering and Medical Commerce Entrance Test of Telangana.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Java, Javascript, HTML+CSS

Libraries : C++ STL, Python Libraries, ReactJs

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Computer Networks.

Areas of Interest: Web Design and Development, Cloud Security.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

•Active Volunteer and Graphic Designer of NSS NIT Durgapur

- The National Service Scheme (NSS) is an Indian government sector public service program provides opportunities to take part in various government led communities services activities and programs.