



# Srujan Bandam

Bachelor of Technology  
Computer Science and engineering  
CMR Institute of Technology, Hyderabad

+91-7842562011

[srujanbandam2003@gmail.com](mailto:srujanbandam2003@gmail.com)

[linkedin.com/in/srujan-bandam-58b88a227](https://linkedin.com/in/srujan-bandam-58b88a227)

[github.com/srujan-bandam](https://github.com/srujan-bandam)

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	CMR Institute of Technology, Hyderabad	8.68	2025
Intermediate	Abhyaas Junior college, Bachupally	950	2021
10th	Geetha High School, Medak	10	2019

## PROJECTS

- **Lung Cancer Prediction Model using ReLU Activation Function** Feb 2024  
*Tools: [Python, TensorFlow/Keras (or PyTorch)]* [github](#)
  - Developed a predictive model for early lung cancer detection, utilizing deep learning techniques and the ReLU activation function to improve diagnostic accuracy.
  - Leveraged ReLU for feature extraction and non-linear transformations in neural network layers to handle complex medical data and enhance model precision.
  - Achieved 59.08 percent on test data, potentially aiding in early diagnosis and improving patient prognosis through faster, data-driven detection.
- **DocPat: [Doctor-Patient coordination application ]** July 2024  
*Tools: [React,Node,MongoDB,A,JWT tokens]* [github](#)
  - Developed a full-stack web application using the MERN stack (MongoDB, Express.js, React.js, Node.js) to streamline communication and appointment scheduling between doctors and patients.
  - Implemented secure user authentication and role-based access control, allowing doctors and patients to access and manage their respective dashboards.
  - Designed RESTful APIs for efficient data flow between the front end and back end, improving user experience with real-time updates.
  - Utilized MongoDB to manage and store patient records, appointment history, and doctor availability, ensuring secure and organized data storage.
- **ACONEWS : React News Application** Aug 2024  
*Tools: [React,Newsa API,React Router,CSS]* [github](#)
  - Built a React app to display real-time news using News API.
  - Achieved seamless data fetching and state management with React hooks (useState, useEffect).
  - Created a responsive design with CSS and React-responsive for mobile and desktop views.
  - Integrated Axios for API calls, with error handling and loading states.

## SKILLS

- **Programming Languages**: C,C++,Java
- **Web-Technologies**:HTML5,CSS3,React.Js,Node.Js,
- **Databases**: MySQL,MongoDB
- **Operting systems**: Linux,Windows
- **Tools**: Github,VS code,Postman,Colab,AWS(EC2,S3)

## CERTIFICATIONS

- **AWS Training and Certification , Machine Learning Foundations** June 2024
- **AWS Training and Certification, Cloud Foundation** May 2023
- **AWS Training and Certification, Data Engineering** Nov 2023