Rohan Rao Gajvelli

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Education

- **Keshav Memorial Institute of Technology** | Bachelor of Technology in Computer Science and Engineering | Expected Graduation: 2027 | GPA: 9.01

Projects

- **Jewelry Design Pattern Generation**
  - Contributed to the backend of the project by building a website using React.js. Developed the backend using Node.js and Flask to connect the deep learning model to the application.
  - Technologies: ReactJS, Node.js, Flask

- **Social Media Data Parsing Tool**
  - Developed a desktop application, built scraping scripts, connected the scripts to the backend, and designed the database. Integrated the backend with the database and ensured smooth functionality of the application.
  - Technologies: ReactJS, Node.js, Flask

- **AI-Driven Healthcare Solution for Cancer, Tumor, and Pneumonia Detection**
  - Built a web application and developed the backend to integrate the AI model. Designed and connected the database to both the frontend and backend, and deployed the application using AWS Web Services on an EC2 instance.
  - Technologies: ReactJS, Node.js, Flask, AWS Web Services, EC2 instance

Technical Skills

- Programming Languages: C, Java, Python, JavaScript, SQL

- Frameworks: ReactJS, ElectronJS, Django

- Tools: MongoDB, Selenium

- Certifications: CS50 Web Programming with Python and JavaScript, Linux Fundamentals

Volunteer Experience

- **BharathVarsity** | Team Lead
  - Led a team of 8 members for a hackathon conducted by Bharatversity at BITS Hyderabad. The team secured 7th position in the hackathon.

- **Smart India Hackathon (SIH) 2024** | Team Lead
  - Led a team of 6 members for the Smart India Hackathon (SIH) 2024, focusing on the "Parsing of Social Media Feeds" problem statement proposed by the National Investigation Agency (NIA).

Additional Information

Efficient in web development and deep learning.