SOHITH PAMU

Software Developer | Data Science Enthusiast

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Linkedin | GitHub | Portfolio | LeetCode

EDUCATION

Rajiv Gandhi University of Knowledge and Technology-Nuzvid   Nuzvid, Andhra Pradesh
Computer Science and Engineering Bachelor of Technology   2021 - 2025
CGPA: 9.72

Rajiv Gandhi University of Knowledge and Technology-Nuzvid   Nuzvid, Andhra Pradesh
MPC&IT Pre University Course   2019 - 2021
CGPA: 9.71

EXPERIENCE

Testsigma | Software Developer Intern   Bengaluru, Karnataka | July-2024 - Present
As an intern at Testsigma Software Technologies, I contribute to product development using ReactJS, TypeScript, Java, and Spring Boot, focusing on creating robust and scalable software solutions.

NIT Warangal | DeepLearning Intern   Warangal, Telangana | May 2024 - June 2024
Developed an automatic Model Architecture to predict lower limb activities using sEMG signals. Leveraged capsule network technology to assist individuals with disabilities, facilitating the development of mechanical lower limbs or exoskeletons controlled by the nervous system.

IIIT Hyderabad | NLP Intern   Remote | March 2023 - August 2023
I involved in development of a machine translation model to enhance language conversion accuracy, explored NLP techniques like word embedding and named entity recognition, and led the creation of a Quora question pair similarity model, optimizing performance through data preprocessing and experimentation.

SKILLS

Programming Languages:	Python, C, Java, HTML, CSS, SQL, Javascript
Libraries/Frameworks:	React Js, Spring Boot, Bootstrap, Docker, Tailwind CSS, Python Libraries
Tools / Platforms:	Git, Linux, MS Office, Github, VS Code
Databases:	RDBMS, MySQL

PROJECTS / OPEN-SOURCE

SEC IPO Detector | Link   *Python, Web Scraping, Data analysis*
The SEC IPO Detector is a tool that helps track IPO filings from the SECs EDGAR RSS feed in real time. By focusing on S-1 forms, this application detects IPO-related filings and saves them into a CSV file for easy monitoring..

Smart Marks Scanner   *Computer Vision, Image Processing, Deep Learning, NLP, Django, ReactJS*
Led the development of an automated system integrating webcam technology to update student details and grades from corrected booklets. Employed advanced algorithms for precise text recognition and image processing, significantly easing faculty workload

LLA Prediction | Link   *Capsule Neural Network, sEMG Signal Processing, Deep Learning*
Developed an automatic framework to predict lower limb activities using sEMG signals. Leveraged capsule networks to
assist individuals with disabilities, aiding the development of neural-controlled mechanical limbs or exoskeletons.

Project Submission Portal   *Python, Django, MongoDB, HTML, CSS, Bootstrap*
Led front-end development within a dynamic team to build a project submission portal, simplifying the process of submitting student mini-projects to guides. Collaborated on designing user-friendly interfaces for seamless navigation, enhancing project submission and evaluation management for students and guides.

Honors & Awards

- Secured AIR 18th place in codex conducted by IIIT Sri city, India.
- Qualified in GATE 2024 with a score of 429, demonstrating proficiency.
- Achieved mastery in solving 400+ LeetCode coding questions (DSA and SQL).