SHAKHAPURAM PRASHANTH

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EDUCATION

BTech | Information Technology

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad

📅 Expected Graduation: June 2024

CGPA: 8.5 (up to Semester-5)

EXPERIENCE

OpenSource Contributions

GirlScript Summer Of Code

📅 May 2023 - Present

- Implemented new features, fixed bugs, and improved overall functionality in the repositories assigned to me, demonstrating programming skills.
- Made significant contributions to various open-source projects on GitHub.

PROJECTS

WebCam Wizardry: A Virtual Keyboard and Mouse For Frictionless Computing Using Deep Learning

- Engineered and implemented an innovative solution leveraging deep learning technology to create a frictionless computing experience through a virtual keyboard and virtual mouse system.
- Users interact effortlessly with the computer through hand gestures. The virtual mouse offers versatile operations such as left/right clicks, volume control, and more.
- The virtual air writing feature enables communication by writing in mid-air, accurately recognizing and converting hand-drawn characters into text and options like saving, text to speech, customizing the canvas with different font colors.

SkillUp - A Learning Platform

- Designed and developed a dynamic webpage using HTML, CSS, and JavaScript, featuring modules for popular courses, subjects, and a registration page, providing students with easy access to learning materials and courses.

CERTIFICATIONS

- **Database design and Database programming with SQL** - Certified by Oracle Academy
- **Python Essentials** - By Spoken Tutorial, IIT Bombay
- **JavaScript Essentials** - Cisco Networking Academy
- **Introduction to Networks** - Cisco Networking Academy

TECHNICAL SKILLS

Technologies
- HTML, CSS, JavaScript

Libraries/Frameworks
- Bootstrap, Pandas, NumPy, Matplotlib

Programming Language
- Java, Python, C

Database
- SQL

Tools/Platforms
- GitHub, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA

ROLES

Chair

IEEE GRIET CIS SBC
- Conducted Hackathons, Quiz competitions, Tech Sessions, Industrial Visits etc.
- Writing event reports, content creation.

Volunteering
- National Service Scheme - Member

ACHIEVEMENTS & AWARDS

Vivitsu Hackathon
- Won first prize at vivitsu hackathon conducted by Free Software Wing - GRIET

Outstanding Volunteering Award
- By IEEE GRIET SB

COURSE WORK

- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Object Oriented Programming
- Operating System
- Database Management System
- Machine Leaning

CODING PROFILES

- **Leetcode:** shakhapurampras2
- **InterviewBit:** shakhapurampras2
- **Hackerrank:** shakhapurampras2
- **Codechef:** prashanth772