RAKESH SAMALA

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PROFESSIONAL SUMMARY

Passionate IT graduate dedicated to harnessing technology for solving intricate problems, with a particular focus on debugging. Seeking a software engineer position to utilize my programming skills in C and Python, along with proficiency in front-end technologies such as HTML, JavaScript, and CSS. Excited to contribute my expertise in database design Eager to join a dynamic team, continuously learn, and grow in a collaborative environment.

TECHNICAL COMPETENCIES

- ➢ **programming Languages:**   C, Java, Python.
- ➢ **Web Technologies:**   HTML, CSS, bootstrap, JavaScript.
- ➢ **Database Design**:   Writing SQL queries.
- ➢ **Tools**:   Operating systems, MS Office.

INTERPERSONAL SKILLS

- Problem-Solving abilities
- Good in written communication skills
- Teamwork

- Collaboration
- Continuous Learning

EDUCATION

2019-2023   Graduated in Bachelors of **computer Science and Engineering || Malla Reddy Institute of Engineering and Technology** in Hyderabad.

2017-2019   Completed my **Intermediate** in Tejas Junior College in Warangal.

2016-2017   Completed my **10th grade** from Sahasra Concept School in Warangal.

PROJECTS

MY PROJECTS:

- **User Authentication System using Django:** Designed and implemented a comprehensive User Authentication App using Django framework.
  - Utilized Bootstrap framework for front-end components, enhancing the overall visual appeal and responsiveness of the application.
  - Implemented secure user registration and login functionality with Django's built-in authentication system.

  Technologies Used: Django, Python, HTML, CSS, Django REST Framework for API development, social authentication libraries for third-party login integration used OAuth2.0 for accessing SMTP.

- **Web Extraction Using python**: Proficient in utilizing Selenium WebDriver for automating web browser interactions. Implemented WebDriver scripts for various purposes including web scraping, data extraction.

- **Developed Portfolio Website:** Designed and developed a personal portfolio website using HTML, CSS, and JavaScript, with dynamic components integrated using React.js. Leveraged responsive design principles and CSS frameworks like Bootstrap to ensure optimal viewing experience across various devices and screen sizes. Implemented smooth animations and transitions using JavaScript libraries to enhance user engagement and interactivity. Rigorously tested the website for functionality and user experience. Deployed the portfolio on GitHub Pages for public access. (rakeshsamala0505.github.io)

ACADEMIC PROJECTS:

- **City Vehicle and Traffic management System using Java:**
  Collaborated on cross-functional teams to design software for optimizing traffic flow and vehicle movement within a city. Provided valuable feedback on code reviews and technical designs.

- **Video Analysis for Weapon Detection and Alerting using Python:**
  Led the development of an automated weapon detection and alerting system using video analysis with a focus on ensuring system reliability and scalability.

PERSONAL DETAILS_____

- **Date of Birth**: 5th May 2000
- **Languages known:** Telugu, Hindi, English
- **Hobbies:** Travelling, listening music, playing games.