Om Raj

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Education

- ❖ B-Tech Computer Science Engineering   Year2023-26
    - o K.L University, Vijayawada, Andhra Pradesh
    - o Current CGPA in 3rd year 8.98
- ❖ Diploma in Computer Science Engineering   Year 2020-23
    - o Galgotias University, Greater Noida
- ❖ Class 10 (CBSE)   Year 2010-20
    - o Delhi Public School, Darbhanga

Relevant Coursework

- ❖ Data Structures
- ❖ Adaptive Software Engineering
- ❖ Software Testing
- ❖ Design & Analysis of Algorithms
- ❖ Database Management
- ❖ Data Driven & Artificial Intelligence
- ❖ Cloud DevOps
- ❖ Data Analytics & Visualization
- ❖ Continuous Delivery and DevOps

Technical Skills

- ❖ **Languages**: Python, C, HTML/CSS, JavaScript, SQL
- ❖ **Developer Tools**: VS Code, Collab, Azure Cloud Platform, Jenkins
- ❖ **Technologies/Frameworks**: GitHub, BitBucket, Maven
- ❖ **Full Stack:** MERN(MongoDB, Express, React and Node.js.), Java
- ❖ **Familiar:** UI/UX designing Figma

Projects

- ❖ **Student Course Management System: -** I developed a Student Course Management System using Python's Tkinter for the frontend and SQLite for the backend, enhancing student data and course administration with seamless functionality and intuitive interfaces

- ❖ **Internship Management System: -** I developed an Internship Management System using Maven and Spring Boot, enabling efficient internship tracking, mentor feedback, and task management with a seamless and user-friendly interface.

- ❖ **Behavior-Driven Testing of an Economic Website using Cucumber: -** I automated software testing for an economic and statistical website using the Cucumber tool, validating core features like data search, currency conversion, stock trends, and report downloads through Behavior-Driven Development (BDD). I used Java, Selenium WebDriver, Maven, and Gherkin to design and execute tests, ensuring cross-browser UI responsiveness and functionality. This improved test coverage, accelerated regression testing, and enabled early bug detection, enhancing the overall quality assurance process.

Experiences/ Achievements

- ❖ Training Program at BRITISH AIRWAY by Forage(Virtual Internship):-   June 17th 2024
    - o Gained insight into the Data Scientist role and working with raw data.
    - o Used Python and its modules for data analysis.
    - o Developed skills in data cleaning, visualization, and statistical analysis.
    - o Applied data science techniques to real-world problems.

- ❖ Training Program at [AICTE Google Android Developer](Virtual Internship):   July – September 2024
  - o Gained insight into the Android Developer role and app creation.
  - o Used Java, XML, and Android Studio for development.
  - o Developed skills in front-end design, layout structuring, and interactivity.
  - o Applied mobile development techniques to real-world projects.

Certifications

- ❖ **Data Science - Forage: -** Gained expertise in the Data Scientist role and raw data handling, Proficient in Python for data analysis and various modules, Skilled in data cleaning, visualization, and statistical analysis, Applied data science techniques to real-world scenarios.

- ❖ **Meta – Foundations of AR: -** I have completed the Meta – Foundations of AR from Coursera! This program provided me with a comprehensive understanding of augmented reality, including its principles, design, and development. Looking forward to applying this knowledge to create immersive AR.

- ❖ **Java – Basic:** - I have completed my Java Basic Certification from HackerRank! This certification has strengthened my understanding of core Java concepts, including syntax, object-oriented programming, and basic data structures. Ready to apply these skills in future projects.

- ❖ **Python Programming – Appwars Technologies: -** I have completed the Python Programming course by AppWars Technology! This program enhanced my skills in Python, covering essential topics such as syntax, data structures, and algorithms. Looking forward to applying this knowledge to future projects.

- ❖ **AI Associate – Salesforce:** I have completed the Salesforce AI Associate certification! This program enhanced my understanding of AI concepts, ethical considerations, and real-world applications in Salesforce. Excited to apply this knowledge in future projects.

Links

- ❖ **Git Hub:-** Link
- ❖ **Code chef:-** Link
- ❖ **HackerRank:-** Link

Position of Responsibility

Startup Society   **January 2024 – May 2025**

Creative Head

- • Leading the charge in fostering an environment rich with insights into entrepreneurship and innovation
- • Passionate about branding, business strategies, and tech trends
- • Edited a video and poster for Startup Society details