DONTIREDDY LAKSHMAN DEEKSHITH REDDY

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# PROFESSIOINAL SUMMARY

Aspiring Software Engineer with hands-on experience in building scalable and reliable systems using Python, Java, and SQL. Skilled in designing and deploying end-to-end solutions with a focus on system reliability, code reviews, and testing practices. Proven ability to collaborate in multi-person coding projects and deliver impactful results in dynamic environments.

**PROJECTS**

# Scalable E-Commerce Platform (Python, JavaScript, SQL)

* Designed and implemented a **role-based authentication system** ensuring secure access for users and administrators.
* Developed REST APIs for **inventory management**, order processing, and user accounts, achieving **95% data integrity in transactions**.

# Hospital Management System (Full Stack:Java, SQL, JavaScript)

* + Built secure user authentication system with role-based access
  + Created APIs for appointment scheduling and patient management
  + Maintained code quality through unit testing

**INTERNSHIP EXPERIENCE:**

**BrainOvision Solutions Pvt. Ltd.** — Data Science Intern **June 2023 – Aug 2023**

* Worked on data science projects using machine learning and data analytics.
* Gained experience in data preprocessing, visualization, and predictive modeling.
* Applied Python, Pandas, and Scikit-Learn to real-world problems.

**TECHNICAL SKILLS**

* + Programming Languages: Python, Java, C++
  + Frontend: HTML5, CSS3, JavaScript(basic)
  + Backend & Database: SQL, RDBMS
  + Artificial Intelligence: Machine Learning, Deep Learning
  + Tools & Technologies: Git, GitHub
  + Data Structures & Algorithms
  + Cloud Platform: Basic GCP knowledge

**CERTIFICATIONS \**

* **CS50’s Introduction to Programming with Python** – Harvard University (2023)
* **Deep Learning** – NPTEL (2024)
* **Software Engineering**  – NPTEL (2022)

**EDUCATION**

**ANNAMACHARYA GROUP OF INSTITUTIONS** Kadapa, AP

Bachelor of Engineering Expected April 2025

Major in Computer Science; Cumulative GPA: 7.8/10.0;

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence