KOKKULA RAJASHEKHAR

Bachelor of Technology
Computer Science and Engineering
Institute of Aeronautical Engineering, Hyderabad

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Institute of Aeronautical Engineering	8.01	2022-Present
Diploma	Kshatriya College of Engineering	8.14	2019-2022

EXPERIENCE

- **Internship** *July 2023 - Aug 2023*
  THE NATIONAL SMALL INDUSTRIES CORPORATION LTD TECHNICAL SERVICES CENTRE Virtual
  - It is a 3 week internship program on Amazon Web Services. It enhances credibility and builds confidence in areas related to cloud services.

- **Internship** *April 2024 - June 2024*
  All INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE) Virtual
  - Completed a 10-week AI-ML Virtual Internship with Google for Developers, facilitated by AICTE and EDU Skills. Gained real-time experience with AI-ML algorithms, teamwork, and problem-solving.

PROJECTS

- **Cardiovascular Disease Prediction**
  Machine Learning
  - Created robust data manipulation scripts utilizing Pandas and numerical operations with NumPy, processing complex datasets of over 10,000 entries, which enhanced data accuracy and improved overall model performance.
  - Executed a comprehensive data visualization strategy using Matplotlib, transforming intricate patient data into intuitive graphs and charts that are utilized by over 15 healthcare analysts for informed clinical decision-making.

- **Personal portfolio website**
  Web Development
  - Engineered a suite of interactive web applications using HTML, CSS, and JavaScript, resulting in a 40 percent reduction in user complaints regarding interface usability and an increase in user engagement metrics.
  - Created modular web components with a focus on clean code principles, leading to a 50 percent decrease in maintenance time and allowing for quicker iterations on user feedback and feature requests.

- **HR Operations Management System**
  Web Development
  - Developed a comprehensive web application for employee management that categorized over 200 staff members into distinct classifications, streamlining personnel tracking and enhancing HR operational efficiency by 40 percent.

SKILLS

- **Programming Languages** : Python, Basic Java, MySQL, Html, CSS, Java Script.
- **Tools and Framework** : Bootstrap, Visual Studio, Jupiter Notebook
- **Key Cources Taken** : Data Structures, Computer Networks, Operating Systems, DBMS

CERTIFICATIONS

- **Getting started with python**: Google Through Coursera *2023*
- **Introduction to web development**: IBM Through Coursera *2023*