


# KIRAN KUMAR KOLLA

 Cumbum, Andhra Pradesh, India

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## CAREER OBJECTIVE

Driven and detail-focused on a Computer Science graduate seeking an entry-level role in an innovative organization. Passionate about applying skills in web development, programming, and software testing to deliver impactful solutions while continuously learning and contributing to cutting-edge projects.

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## SUMMARY

A highly motivated Computer Science graduate with a strong foundation in full-stack development, data analysis, and machine learning. Proficient in Python, Java, SQL, and web technologies like HTML and CSS. Hands-on experience with tools such as Pandas, NumPy, TensorFlow, and Streamlit, along with API testing using Postman. Familiar with AI tools like ChatGPT, Google Gemini, and Perplexity for enhancing productivity and innovation. Quick learner with excellent problem-solving and teamwork skills, eager to contribute effectively to dynamic, tech-driven environments.

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## EDUCATION

### B.Tech, Computer Science and Engineering

Kalasalingam Academy Of Research And Education, Krishnankovil

2021 - present

- Specialization in Artificial Intelligence and Machine Learning.

CGPA: 8.27

### Board of Intermediate Education

Narayana Junior College, Vijayawada

2019 - May 2021

- Relevant coursework in Mathematics, Physics, and Chemistry.

Percentage: 85.6%

### Higher Secondary Education

Keshava Reddy Residential School, Panyam

2018 - April 2021

- Built a strong foundation in Mathematics and Science, sparking early interest in logical reasoning.

CGPA: 10

## TECHNICAL SKILLS

- **Languages:** Python, Java, R
  - **Database:** SQL
  - **Libraries:** Pandas, NumPy, Seaborn, Matplotlib, Tensorflow
  - **Web Technologies:** HTML, CSS
  - **Operating Systems:** Windows, macOS
  - **AI Tools:** ChatGPT, Google Gemini, Perplexity, Copilot
  - **Productivity Tools:** MS Word, PowerPoint, Excel
  - **Frameworks/Tools:** Google Colab, Tableau
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## PROJECTS

### Diseases Prediction System Using Machine Learning Techniques

- Developed a multi-disease prediction system using machine learning, addressing limitations of single-disease models.
- Implemented secure data handling via user authentication and role-based access control.
- Applied encryption protocols to protect sensitive medical data.
- Evaluated benefits and challenges of ML deployment in healthcare.

**Technologies Used:** Python, Pandas, NumPy, Logistic Regression, SVM, Pickle, Streamlit

### License Plate Recognition (LPR)

- Integrated OCR with image preprocessing (noise reduction, contrast enhancement, edge detection) for accurate license plate detection under various conditions.
- Developed an image processing system for swift VIP parking access decisions.

**Technologies Used:** Python, OpenCV, Tesseract OCR, Image Processing Algorithms

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## AI TOOLS EXPERIENCE

- Leveraged AI tools like ChatGPT and Gemini for rapid code generation, debugging, and concept explanation in real-time projects.
- Utilized Perplexity and Gemini for efficient research, summarization, and technical documentation assistance.
- Employed GitHub Copilot for intelligent code suggestions, improving development speed and reducing manual errors.

## CERTIFICATIONS

- Machine Learning & Deep Learning with Python - Udemy (2024)
- Java CodeCombat Certification - Coding Ninjas (2022)
- Oracle Cloud Infrastructure 2023 Certified Data Science Professional - Oracle (2023)

## CORE COMPETENCIES & INTERPERSONAL STRENGTHS

- Effective communication and collaborative teamwork
  - Strong problem-solving and analytical thinking
  - Time management and task prioritization
  - Leadership and initiative-taking ability
  - Critical thinking with attention to detail
  - Creativity and adaptability to emerging technologies
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## PERSONAL DETAILS

- **Father's Name:** K P RANGAIAH
  - **Date of Birth:** 23-03-2003
  - **Languages Known:** English, Telugu, Hindi, Tamil
  - **Nationality:** Indian
  - **Hobbies:** Traveling, Listening to music, Cooking, Photography
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## DECLARATION

I here by declare that the information provided above is true to the best of my knowledge and belief.

**Place:** Cumbum

**Date:**