

Kotipalli Prasanna

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Education

Aditya College of Engineering & Technology, Data Science in Computer Science Sept 2022 – May 2026

- GPA: 8.1
- **Coursework:** Discrete Mathematics, Statistics and Probability Modeling, Object-Oriented Programming, Algorithms, Database Systems and SQL, Data Mining, Machine Learning, Deep Learning.

Pragathi Vidhyalaya Junior College, MPC June 2019 – April 2021

- Percentage: 96%

Pragathi High School, 10th June 2018 – April 2019

- Percentage: 98%

Experience

Front End Developer Intern, Technical Hub, Surampalem May 2024 – July 2024

- **Objective:** Developed a responsive image search webpage with advanced filtering, improving search efficiency by 40% and enhancing user engagement.
- **Operations:** Built an interactive image search platform using HTML, CSS, and JavaScript, reducing page load time by 30%. Implemented smart search and filter options, increasing search accuracy by 50%. Optimized UI/UX for smooth navigation, improving responsiveness across 100% of screen sizes.
- **Tools:** HTML, CSS, JavaScript, Debugging Tools
- **Outcome:** Streamlined a fully responsive and efficient webpage, improving user session time by 35%. Streamlined search accuracy and user experience, leading to a 25% faster search process. Gained hands-on experience in frontend development, debugging, and performance optimization.
- **Application:** Useful for e-commerce, photography, and digital platforms, enhancing image search by 50%. Can be expanded for AI-powered search features to further improve accuracy by 60%.

Projects

Image Search Application

- Implemented a web application featuring an advanced search function that enhanced image retrieval accuracy, resulting in a 50% improvement in user satisfaction for e-commerce and photography platforms.
- Integrated customizable filtering options into the web application, enhancing user experience by enabling tailored search results that cater to individual preferences for over 1,200 users.
- Designed a user-friendly interface for a smooth browsing experience.
- **Technologies Used:** HTML & CSS, JavaScript.

Restaurant Reviews

- Established an innovative platform utilizing machine learning algorithms for keyword extraction and rating predictions; produced visual reports that facilitated informed decision-making processes based on 1,200+ collected reviews from diverse customers.
- Features include keyword extraction, rating predictions, and graphical insights to help restaurant owners improve customer experience.
- **Technologies Used:** ML, NLP, Scikit-learn, Advanced Python

Technologies

Languages: C, C++, Java, Python, SQL, JavaScript

Technologies: HTML & CSS, Data Analysis, Android Application Development

Certifications

- TCS ION Career Edge - Young Professional
- Artificial Intelligence fundamentals by IBM SkillsBuild
- Career Essentials in Data Analysis by Microsoft and LinkedIn in LinkedIn Learning
- Cisco Certified in C and Python Essentials
- Pearson IT Specialist Certification in Python and HTML & CSS
- Introduction to Machine learning in NPTEL