# G Kalyan Ram

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## SUMMARY

A student in Computer Science at NIT Andhra Pradesh, CGPA: 8.23, experienced in machine learning and web development due to internships from companies like Plasmid, Teachnook, and Codsoft. Projects include Spam News Detection, Clustering, Systems like Student Results Management Portal, and Online Movie Ticket Booking System. I have proficient knowledge in languages like Python, C, C++, Java, SQL, Django, and React and am certified in cloud computing, machine learning, and data analytics. I ranked in the top 3% in JEE Mains with a 97.6 percentile and secured a rank of 1507 in TS Eamcet.

## EDUCATION

- **National Institute of Technology** — Andhrapradesh,India
  *Bachelor of Technology in Computer Science; CGPA: 8.23* — *Nov.2022–Present*
- **New Vision junior College** — Khammam,India
  *Intermediate Public Examination— Percentage: 98.4* — *Jun.2020–July.2022*
- **New Era High School** — Khammam,India
  *All India Secondary School Certificate—GPA:10.00* — *june.2016–July.2020*

## EXPERIENCE

- **NIT Andhra Pradesh** — Tadepalligudem,AP
  *Worked as lead in Epics Project namely Student Results Management Portal* — *Jan.2024–May.2024*

## INTERNSHIPS

- **Plasmid**
  *Machine Learning Intern* — *April.2024–July.2024*
  * **Spam news Detection**: Fake news on different platforms is spreading widely and is a matter of serious concern, as it causes social wars and permanent breakage of the bonds established among people.
  * **Clustering**: Clustering aims at forming groups of homogeneous data points from a heterogeneous dataset. It evaluates the similarity based on a metric like Euclidean distance, Cosine similarity, Manhattan distance, etc. and then group the points with highest similarity score together.

- **Teachnook**
  *Web Development Intern* — *Dec.2023 - Feb.2024*
  * **UI/UX Design**: UI focuses on the visual elements of a product, creating an aesthetically pleasing and intuitive interface. UX designs the overall user experience, considering user needs and behavior to create seamless and enjoyable interactions.

- **Codsoft**
  *Web Development Intern* — *Oct.2023-Nov.2023*
  * **Portfolio Management**: Oversees and manages a collection of investments to achieve financial goals, balancing risk and return through asset allocation and diversification.
  * **Weather Web Application**: Collects and processes weather data from various sources, providing real-time and forecast information to users through an interactive interface.
  * **Calculator**: Performs mathematical operations based on user input, processing numbers and functions to produce results through internal circuitry and display.

## COURSES

- **IBM Cognitve—Cloud Computing**: It delivers IT resources like servers, storage, and software on-demand over the internet, enabling efficient management, scalability, and cost-effectiveness for businesses and individuals.
- **Udemy—Machine Learning**: It empowers systems to learn and improve from experience without explicit programming. It enables intelligent decision-making and pattern recognition through algorithms and data analysis..
- **Accenture—Data Analytics**: A process of examining large data sets to uncover patterns, trends, and insights for informed decision-making.
- **Google,Coursera—Project Management**: Learnt planning, organizing, and managing resources to achieve specific project goals within defined constraints(Introduction)

- **ISRO—AI/ML for Geodata Analysis**: covers techniques for applying AI/ML to analyze geospatial data. It includes topics such as remote sensing, image classification, and predictive modeling. The course emphasizes practical applications in satellite data interpretation and environmental monitoring.
- **Muskurahat—Crowd Funding**: It is a collective funding model whereby individuals pool resources, typically via online platforms, to support projects or ventures initiated by others.

## PROJECTS

- **Student Results Management**: It is a web platform for viewing and analyzing student grades. It provides access to academic performance data for students, parents, and teachers..
- **Online Movie Ticket Booking Management System**: Developed an online movie ticket booking management system allowing users to browse movies, view showtimes, and reserve seats. Implemented movie search, and seat selection functionalities. .

## PROGRAMMING SKILLS

- **CoreSkills**: Data Structures,OOPS,DBMS,ComputerArchitechture,DAA,MachineLearning
- **Operating Systems**:Windows,XV6,Linux
- **TechnicalSkills**: Python,C,Javascript,HTML,CSS,C++, SQL, Java          **Technologies**: Django, React
- **SoftSkills**: Management,CriticalThinking,Teamwork,ProblemSolving          **Languages**: Telugu,Hindi,English

## ACHIEVEMENTS

- **JEE Mains**: Score—97.6 Percentile,Rank—5328(OBC)
- **TS Eamcet**: Secured a Rank—1507 out of 1.5 Lakh students