

CHAKKA VIJAY CHANDRA

[GitHub](#) | [LinkedIn](#) | [Personal Website & Portfolio](#)

EXPERIENCE

SkillDzire (Remote) - AI Internship

Nov 2024 - Feb 2025

Developed AI-driven solutions, focusing on data preprocessing, model training, and optimization for real-world applications. Worked on predictive analytics and natural language processing (NLP) tasks, such as sentiment analysis and text classification. Enhanced model accuracy through hyperparameter tuning and collaborated with a team to deploy AI models efficiently.

Google (AICTE- Remote) - Android Virtual Internship

July 2024 - Sept 2024

I built and improved mobile apps, focusing on speed and ease of use. I collaborated with teams to connect with APIs, fix issues, and ensure the apps worked well on all devices.

EY (Edunet - Remote) - Advanced Data Analytics Intern

Feb 2024 - Apr 2024

Utilized data analytics and SQL to generate insights and data-driven recommendations for clients. Designed interactive dashboards in Power BI, and Tableau. Automated data pipelines for real-time data visualization and reporting.

AWS (Remote) - AWS Data Engineering Virtual Internship

April 2024 - June 2024

Designed and developed data pipelines to facilitate smooth data flow. Implemented ETL processes to integrate data from various sources. Utilized AWS services for data storage, processing, and analysis.

PROJECTS

React Weather App (React.js, APIs) Developed a weather application that displays the current weather conditions for a given location. While doing this project, it involves making API requests and React elements implementing asynchronous data handling and rendering dynamic data in a React component.

Vegito's Web App (React.js, HTML, CSS, JavaScript) Developed Vegito's web app, promoting direct farmer-to-customer connections and introducing the innovative 'INVESTO' plan, benefiting both farmers and customers focusing on innovation in the agricultural sector.

TIC TAC TOE Game (Python, JS library) Developed a classic Tic Tac Toe game powered by the Minimax algorithm for the AI opponent. This project utilizes p5.js to create an interactive Tic Tac Toe board where the player can compete against a highly strategic AI. The AI makes decisions based on the Minimax algorithm, ensuring that it always plays optimally.

Microsoft-Learn-Student-Developers-Community-at-PVPSIT (MLSA)

Developed a dedicated website to showcase events, resources, and activities of the Microsoft Learn Student Ambassadors (MLSA) community. HTML, using JavaScript, and CSS to create an interactive, user-friendly platform that fosters community engagement and accessibility.

AI-Powered Financial Advisor for Rural India (AI, MERN stack, Python, GCP)

Developed an AI-powered financial empowerment platform to enhance financial inclusion for rural communities with limited financial literacy. Designed to provide accessible financial education in local languages, AI-driven budgeting tools, micro-investment opportunities, and secure banking solutions. Focused on empowering users with financial independence and promoting sustainable economic growth.

YouTube Sentiment Analysis - I built a YouTube Sentiment Analysis web app using Streamlit, VADER, and the YouTube Data API to extract video comments, analyze sentiment (positive, negative, neutral), and visualize results with bar charts and scatter plots. The tool also retrieves video and channel details and stores comments in a CSV file for further analysis.

Data Encryption and Decryption Tool (Python, NLP, FastAPI, PostgreSQL)

I developed a Data Encryption and Decryption Tool using JavaScript, HTML, and CSS, implementing a shift-based letter substitution technique to encrypt and decrypt messages while preserving non-alphabet characters. The application features an intuitive UI with real-time input validation.

OBJECTIVE

To secure a challenging position in a reputable organization to expand my learnings, knowledge and skills, a leading technology company. Committed to delivering high-performance and reliable software solutions that drive innovation and exceed industry standards.

EDUCATION

Prasad V. Potluri Siddhartha Institute of Technology

Information technology

July 2021 - March 2025

Sri Chaitanya Junior college

Class XII

BIEAP (Board of Intermediate Education, Andhra Pradesh)

Grad: June 2019 - May 2021

Sri Chaitanya School

Class X

Telangana State Board of Secondary Education

Grad: March 2019

CERTIFICATIONS

- **Google Cloud Computing Foundations** (Google Certified)
- **Salesforce Certified AI Associate** (Salesforce Certified)
- **Spoken Tutorial Project C Training** (IIT Bombay)
- **Introduction to User Experience Design** (Georgia Institute of Technology)
- **SQL Basics, Java Basics, CSS** (Hacker Rank Certified)
- **GenAI Apps with Gemini & Streamlit, Prompt Design in Vertex AI** (Google Certified Badges)
- **IBM Cybersecurity Analyst** (Coursera - Free with IBM SkillsBuild)

RESEARCH WORK AND PUBLICATIONS

- A Text-Based Conversational Agent for Asthma Support: Mixed-Methods Feasibility Study. *Journal of Emerging Trends and Novel Research (JETNR)* - **Paper ID:167611**
- Attendance Management System with E-Mail Notifications Using MERN Stack (IJCR) - **276804**

CO-CURRICULAR ACTIVITIES

- Microsoft Learn Student Ambassador (MLSA) - Campus Lead (*PVPSIT*) - Organized tech events with 500+ vibrant members in the student community.
- Core Team Member - Google Developer Student Club (GDSC) - Collaborated in organizing tech workshops, hackathons, and innovation events.
- PVPSIT Student Coordinator - Assisted in organizing workshops and events on campus.

SKILLS

- **Programming Languages:** C, Python, OOPS, Bash
- **Web Technologies:** JavaScript, React.js, Node.js, HTML, CSS, RESTful APIs
- **Databases & Workflow Management:** MySQL, Salesforce, Google, Kubernetes, PostgreSQL, MongoDB
- **Cloud:** Google Cloud, Salesforce
- **Data Analytics & Visualization:** Power BI
- **Soft Skills & Leadership:** Technical Mentorship, Team Collaboration, Cross-functional Communication

ACHIEVEMENTS

- 2025 Won first prize in the national fest hackathon for the paper presentation and secured 2 prizes in a poster presentation of UR FEST 2025.
- 2024 1st prize/233 UXIVITY (UNIX) Challenge Interface of Website at Affosec National Level Techno- Cultural Fest.
- 2023 1st position /153 Hack-a-bot (UIPATH) Developed a BOT to remove redundancy in student admission and records and delete specific mobile numbers from files.
- Recognized in the Top 10 in a Data Analytics Hackathon for designing a customer insights dashboard.
- Hosted a workshop on SQL & Data Analysis for a college tech club.
- Active Contributor on GitHub with projects related to Python, SQL, and data analysis.