

Chiru Vignesh Kumar Ratnala

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Bhimavaram, West Godavari, Andhra Pradesh

PROFESSIONAL SUMMARY

A forward-thinking Computer Science and Engineering student skilled in modern development workflows. Successfully directed the creation of a "[Smart Study Planner](#)" application by leveraging advanced AI for code generation, taking the project from concept to a functional product. Eager to apply a unique blend of computer science principles and AI-driven development techniques in an entry-level Software Developer role.

EDUCATION

Computer Science and Engineering

DNR College of Engineering & Technology, Bhimavaram.

Current GPA: 7.6

Expected Graduation year 2026

Intermediate (Class XII)

Sri Sai Aditya Junior College, Bhimavaram.

Percentage: 3.7

2020 - 2022

TECHNICAL SKILLS

Programming Skills

Java, python

Frontend Technologies

HTML, CSS

AI & Modern Development

Prompt Engineering, AI-Assisted Development, AI Code Generation

Tools and Technologies

GitHub, VS Code, AI Tools (Gemini, OpenAI, Claude etc.)

PROJECTS

AI-Driven Smart Study Planner

- **Technologies & Tools:** *HTML, CSS, JavaScript, LocalStorage, Gemini, VS Code, GitHub*

- **Description:**

Leveraged **Gemini** AI to generate a complete web application, significantly accelerating the development from concept to functional product.

Managed the entire workflow, from prompt engineering and debugging in **VS Code** to version control and publishing with **Git & GitHub**

Employee Salary Classification

- **Technologies & Tools:** *Python, Scikit-learn, pandas, Streamlit, Google Collab, Kaggle (dataset)*

- **Description:**

Developed a predictive machine learning model using **Python** and **Scikit-learn** on a **Kaggle** dataset in a **Google Colab** environment.

Designed and deployed an interactive web application using **Streamlit**, allowing users to get real-time salary predictions.

INTERNSHIPS

AI & Machine Learning (AIML) Intern

EduNet Foundation - IBM Skillsbuild Program

June 18, 2025 – July 30, 2025 (6 Weeks)

- Completed a project-based internship focused on solving real-world problems using Artificial Intelligence and Machine Learning concepts. Leveraged the SkillsBuild e-learning platform, completing structured courses and hands-on tasks to enhance technical and professional skills. Collaborated with a mentor, participated in weekly masterclasses, and engaged in query resolution sessions. Delivered a final project presentation demonstrating problem-solving and technical implementation. Received certification from AICTE and EduNet Foundation.

Front-end Web Development Intern

EduNet Foundation - IBM Skillsbuild Program

Aug 21, 2025 – Oct 02, 2025 (6 Weeks)

- Completed a project-based internship focused on developing real-world front-end web applications using HTML, CSS, and JavaScript. Leveraged the SkillsBuild e-learning platform, completing structured courses and hands-on tasks to build technical and professional skills in web development. Collaborated with a mentor, attended weekly masterclasses, and participated in query resolution sessions to enhance learning. Delivered a final project presentation showcasing a functional front-end web solution. Received certification from AICTE and EduNet Foundation.