

Keerthipriya Kunapareddy

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EDUCATION

VIT-AP University Andhra Pradesh, India
Bachelor of Technology in Computer Science (CGPA of 8.98) Sept 2026
Narayana High School (CGPA of 9.85) Andhra Pradesh, India
May 2020

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms
Awards: Chekumukhi Distinction, Certified With Diploma in Drawing

SKILLS

Languages: Java (Proficient), Python (Basic Understanding)
Web Development: HTML, CSS, Bootstrap, React, FastAPI
Tools & Platforms: Git/GitHub, VS Code, PyCharm, IntelliJ IDEA
Soft Skills: Problem Solving, Teamwork, Communication, Presentation Skills

PROJECTS

Spotify Clone ([Link](#)) July 2024
HTML/CSS

- Created a front-end clone of Spotify using HTML and CSS, inspired by the original UI design.

StudyKart – Tutoring Website (Ongoing) ([GitHub Repo](#)) June 2025 – Present
HTML/CSS, JavaScript, React

- Collaborating with a team to develop a tutoring platform, **StudyKart**, focusing on user experience and layout structure.
- Designed and implemented learner-focused pages and additional static pages to enhance navigation and structure.
- Focused on responsive UI design and layout consistency using modern front-end practices.
- Ongoing development with plans to extend features and integrate backend functionality.

Smart Home Power Consumption Prediction ([Link](#)) April 2024
Python, LSTM, Time Series Forecasting

- Built and trained an LSTM-based deep learning model to forecast power usage from smart home sensor data.
- Preprocessed time-series features such as temperature, humidity, and occupancy to align with model input requirements.
- Contributed to project documentation and report preparation highlighting model performance using MAE and loss curves.

EXPERIENCE

Next Generation Club | *Co-lead* | ([Certificate](#)) September 2023

- Involved in the club centered around Competitive Programming.

AWS Academy | *AWS Certified Cloud Practitioner* ([Credential](#)) May 2025

- Successfully passed the **AWS Certified Cloud Practitioner** exam, validating foundational cloud fluency and understanding of AWS core services, security, architecture, pricing, and support.

iQuadra Technologies | *Software Development Intern* | *Remote (Non-Stipend)* May 2025 – Aug 2025

- Contributed to the BugSprint web application by implementing the **Manage Constraints** feature using **React** on the front-end and **FastAPI** on the back-end.
- Developed UI to list product names and enable dynamic selection to view, add, edit, and delete corresponding product scenarios.
- Debugged existing code, investigated **API calls**, and fixed minor bugs as per team lead's requirements.
- Deployed and tested features on **AWS Amplify** and interfaced with a **MySQL** database via DBeaver.