

AKKAPALLI KARTHIKEYAN

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SUMMARY

B.Tech Computer Science student with a passion for software development and problem-solving. Skilled in programming, web development, and cloud technologies. Experienced in real-world projects, adept at collaborating in technical environments, and eager to learn and contribute to innovative solutions.

WORK EXPERIENCE

- **Data Engineering Intern**, Edubot Software and Services, Vijayawada June 2024 - August 2024
 - Developed a Weather Forecasting and Analysis Platform using AWS (EC2, RDS, Lambda, S3). Real-time weather data were collected with an IoT-based system and geospatial data. Implemented ML models and visualizations for climate insights in Andhra Pradesh.

PROJECTS

Peer-to-Peer File Sharing System

[Link to Demo](#)

A web-based peer-to-peer file-sharing system that allows users to share files efficiently. The platform features dynamic peer discovery, file segmentation for faster downloads, and fault-tolerant communication. Built using python(Flask) as backend, it provides a interface for managing and tracking file transfers.

HTTP/HTTPS Proxy Server with Advanced Features

[Link to Demo](#)

A fully-featured proxy server supporting HTTP/HTTPS protocols, developed using React and Flask. Includes caching, dynamic site blocking, real-time statistics, comprehensive logging of access, errors, and security events, along with a React-based web interface for configuration and management.

Real Estate Platform

[Link to Demo](#)

A web application that enables clients to list and sell their properties while connecting with potential buyers. Users can upload images, provide location details, and set their desired price for the property. The platform is built using React for the frontend, PHP for backend processing, and MySQL for database.

CERTIFICATIONS

[The Joy of Computing Using Python](#)

NPTEL Certification

[AWS Fundamentals](#)

Coursera Certification

EDUCATION

2022 - present	B.Tech (CSE) at SRM AP UNIVERSITY	CGPA: 8.2/10.0
2020 - 2022	Class 12th Andhra Pradesh Board Of Intermediate Education	Percentage: 93
2019 - 2020	Class 10th Board of Secondary Education Of Andhra Pradesh	CGPA: 10/10

TECHNICAL SKILLS

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

Data Structures and Algorithms (DSA)

Web Development: HTML, CSS, JavaScript, PHP, MongoDB, ReactJs, Flask

Cloud Computing: Amazon Web Services (AWS)