

# Sai Kumar

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## Summary

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Innovative and results-driven **Software Engineer** with a strong foundation in web development, system design, and artificial intelligence. Experienced in creating scalable, modular, and responsive web applications using **React**, **Angular**, enhancing user experience and backend performance. Proficient in building real-time systems, cloud-native applications, and data-driven platforms.

## Technical Skills

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**Skills:** Python, HTML, CSS, Data Structures and Algorithms, SQL, C, JavaScript, ReactJs, Nodejs, AWS, RESTful API's, Flask, DBMS, OOPS, Machine Learning, Natural Language Processing, Git

**Languages:** English, Telugu, Hindi

## Education

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**SR University, Warangal**

B.Tech in Computer Science Engineering

November 2022 – June 2026

GPA: 7.5/10

**SR Druva, Warangal**

Higher Secondary Education

June 2020 – June 2022

## Experience

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**Web Developer**

August 2023 – September 2023

*CodeClause*

- Built a modular, single-page web application using Angular, achieving a 30% reduction in load times.
- Developed an interactive real-time weather forecast website, leading to a 40% increase in user engagement.
- Refined application features through collaboration with stakeholders, boosting user satisfaction by 25%.

**Software Engineer Intern**

April 2024 – June 2024

*CodTech IT Solutions*

- Designed a secure and user-friendly file-sharing platform, improving file transfer efficiency by 50%.
- Created dynamic user interfaces with React and Angular, enhancing UI/UX and reducing user drop-off by 20%.
- Optimized backend API endpoints, cutting server response times by 35%.

## Projects

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**Image Identifier:** [\(view\)](#)

- Implemented a clean, responsive UI with **Tailwind CSS**, ensuring seamless user experience across devices.
- Built a secure and efficient image upload feature using **Firebase Storage** to handle and store user-uploaded images.
- Optimized performance by reducing API calls and enhancing state management with **React Hooks**.
- GitHub Repository: <https://github.com/SAIKUMAR039/imagine>
- Live Demo: <https://imagine-id.vercel.app/>

**Cryptocurrency Price Prediction Model:** [\(view\)](#)

- Built a cryptocurrency price prediction model using **Python**, implementing machine learning algorithms to forecast short-term price trends with a focus on accuracy.
- Deployed the application on **Streamlit** for user-friendly access, enabling users to interactively view predictions and model performance.
- GitHub Repository: <https://github.com/SAIKUMAR039/bit-coin-prediction-stramlit>
- Live Demo: <https://coin-price-prediction.streamlit.app>