# SATISH DASU

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## EDUCATION

- **Andhra Loyola Institute of Engineering & Technology/Vijayawada/India**      *2021 - Present*
  *B. Tech in Information Technology*      *CGPA: 8.29*

- **Sri Chaitanya Junior College/Gudivada/India**      2021
  *Class XII*      *Marks :888/1000*

- **Fr. Bianchi E M High School/Gudivada/India**      2019
  *Class X*      *GPA: 9.0*

## SKILLS SUMMARY

**Programming Languages**: C, Java, Python.
**Web Development**: JavaScript, Bootstrap, ReactJS, MongoDB, MySQL, ExpressJS, NodeJS, Github.
**Course Work**: Problem Solving, Data Structures and Algorithms, OOPS, Database and Management Systems.
**Soft Skills:** Leadership, Communication, Adaptability, Critical Thinking, Time Management.
**Languages:** English (Full Professional Proficiency), Telugu (Native Proficiency).

## EXPERIENCE

**Datavalley AI**      Role: **Full Stack Developer (Intern)**      *Jun 2024 to Jul 2024*
- Worked Completed a Full Stack Development Internship at Datavalley, where I developed and enhanced a Student Management System using Java
- Gained hands-on experience in back-end development with Java, front-end design, and integration of databases, delivering a functional and efficient web application.
- **Tech Used:** HTML, CSS, JavaScript, Java, Spring Boot, Servlets.
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**EI Systems**      Role: **Front End Developer(Intern)**      *Jul 2024 to Aug 2024*
- Completed a Front-End Development Internship at EI Systems, where I developed a Keeper App clone
- Focused on building responsive, user-friendly interfaces using HTML, CSS, and JavaScript, & React.js while refining skills in modern front-end frameworks to replicate and enhance the app's functionality.
- **Tech Used**: HTML, CSS, JavaScript, Bootstrap, React.js

## CODING PROFILES

🏠 **LeetCode:** Solved more than 190 problems on LeetCode
🏠 **CodeChef:** Solved more than 120 problems on CodeChef

## PROJECTS

- **Real Time Chat Application | GitHub**
  A real-time chat application built using the **MERN stack (MongoDB, Express, React, Node.js)**. The app allows users to create accounts, send and receive messages instantly, and join chat rooms. It features WebSocket integration for live updates, secure authentication with JWT, and responsive UI using React and Chakra UI. MongoDB handles message storage and user data efficiently, ensuring a smooth chat experience.

- **Crop Recommendation System | GitHub**
  Developed a crop recommendation system using **Python**, **scikit-learn**, and **Flask**. The system analyzes soil properties, weather conditions, and other agricultural inputs to recommend the most suitable crops for farming.

- **Image Colorization Application | GitHub**
  Modified and implemented an **image colorization model** using Python to restore colors in grayscale images. Adapted the code for compatibility with **Google Colab** dependencies, optimizing it for cloud-based execution. Leveraged **deep learning** techniques to achieve realistic colorization results

- **Google Keep Clone | GitHub**
  This project aims to replicate the core functionalities of Google Keep, a popular note-taking application, using React.js for the frontend development. The clone will provide users with a user-friendly interface to create, edit, delete, and organize notes efficiently.

# CERTIFICATES

- **Certified in IT Automation with Python/Google |** *Certificate*

  Completed the IT Automation with Python course on Coursera, offered by Google. Gained hands-on experience in automating tasks, managing IT resources, and using Python for real-world applications such as system administration and troubleshooting.

- **Certified in Data Structures Using Java/NPTEL |** *certificate*

  Successfully completed the "Data Structures using Java" course from NPTEL, gaining proficiency in implementing and analyzing fundamental data structures and algorithms in Java.

- **Programming in Java/NPTEL |** *Certificate*

  Certified in Java Programming through NPTEL, demonstrating a solid understanding of object-oriented programming, data structures, algorithms, and Java application development.

- **Introduction to Front-End Development/Meta |** *Certificate*

  Certified in Front-End Development by Meta, showcasing proficiency in HTML, CSS, JavaScript, and modern frameworks for creating responsive, user-friendly web interfaces.

- **Crash Course with Python/Google |** *Certificate*

  Certified in Python Programming through Google's Crash Course, demonstrating a strong foundation in Python syntax, data structures, and basic scripting for problem-solving and automation.