

# Kudupudi Sree Divya

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## Education

**G.V.P. College of Engineering (A), Visakhapatnam**  
B.Tech. in Computer Science and Engineering

2020-2024  
**GPA: 9.11**

**Sri Chaitanya Junior College, Vijayawada**  
Intermediate - M.P.C

2018-2020  
**GPA: 9.94**

## Experience

### Factset- Software Engineer 1

Jul 2024 - Present

- Currently working as a Software Engineer 1 at FactSet, actively contributing to the enhancement of software solutions
- Implemented multi-level calculations using the Eigen library in C++ for efficient linear algebra operations.
- Automated schema generation in existing codebase using Object-Oriented Programming principles, replacing manual processes.
- Optimized performance by implementing caching techniques for frequently accessed data.
- Skills: C++, Python, Perforce, OOPS, Debugging, Analytical Skills, Git and GitHub

## Projects

### Creator DashBoard

June 2023 - July 2023

**React.js, Node.js, Express.js, MongoDB, JWT, REST APIs**

- A full-stack web app where users can create profiles, earn credits for daily activity, and explore a personalized content feed from Twitter, Reddit
- It includes login with JWT, user/admin roles, dashboards to track credits and activity, and features to save posts

### Crop Disease Detection and Remediation Chatbot Developer

Dec 2023 - Mar 2024

**Python, VGG16, HTML, CSS**

- Fine-tuned VGG16 CNN model for disease detection in crops, optimizing performance on a specific dataset
- Developed a user-friendly chatbot interface utilizing MySQL and DialogFlow
- Chatbot offers remedies, precautions, fertilizers, and causes for identified crop diseases

### E-commerce Application

Aug 2023 - Sept 2023

**MongoDB, ExpressJS, NodeJS, React**

- Developed an ecommerce site with MongoDB, Express, ReactJS, and NodeJS.
- Implemented payment integration and product filtering by categories and price
- Provided a user-friendly online shopping experience with search, cart, and payment functionality

## Skills

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

**Web Technologies:** HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB

**Data Science:** Machine Learning, Deep Learning

**Tools:** MS Office, Git, GitHub

## Academic Achievements and Certifications

- Won First prize in “Perfection to Prediction” Inter-college ML Hackathon
- Placed among the Top 10 in the **T-AIM** Academic Grand Challenge on Climate Change
- Google Data Analytics Professional Certificate from Coursera
- Machine Learning Course Completion Certificate from Coursera

## Coding Profiles

**LeetCode:** LeetCode Profile

**GeeksforGeeks:** GFG Profile