

# Charan Donthu

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## PROFESSIONAL SUMMARY

Passionate and skilled Full Stack Developer with experience in building dynamic and responsive websites and applications using the MERN stack. Adept at working in collaborative teams and producing clean, scalable, and maintainable code. Seeking to leverage technical expertise and problem-solving skills in a Full Stack Developer role to contribute to impactful projects.

## WORK EXPERIENCE

### **SHELLEX SOFTWARE SOLUTIONS** | INTERN TRAINEE

June 2023 – November 2023 | Hyderabad

- Worked on project modules involving Python and AWS, enhancing cloud computing and scripting skills.
- Assisted in technical product development and modification, contributing to innovative solutions.
- Demonstrated strong problem-solving and debugging skills while ensuring high code quality.
- Designed efficient and well-structured code while working independently and in a team setting.
- Effectively multitasked, ensuring timely completion of assignments in a professional manner.

## PROJECTS

### **AGRICONNECT**

- Designed and developed an eCommerce platform to connect farmers directly with consumers.
- Enabled farmers to list, manage, and sell their products without intermediaries.
- Built using the MERN stack with MySQL integration and Tailwind CSS for a sleek, responsive design.

### **GENAI QUERY SIMULATOR**

- Developed a web application using Node.js and Express.js to convert natural language queries into SQL.
- Implemented authentication with user registration and login functionality.
- Integrated Gemini AI API for query explanation and validation.
- Deployed the application on Render for real-time access.
- Documented API endpoints for seamless testing and integration.
- **GitHub:** GitHub Repository

### **WEATHER MASTER**

- Designed and developed an advanced weather analytics platform using Flask and external APIs, offering in-depth weather forecasts, trend analysis, and real-time weather-related news.
- Implemented interactive data visualizations with charts and graphs to provide insightful weather pattern analysis.
- Integrated multiple data sources to enhance forecast accuracy, delivering more than just basic weather updates.

## EDUCATION

### **MVSR ENGINEERING COLLEGE**

BACHELOR OF TECHNOLOGY IN  
COMPUTER SCIENCE ENGINEERING  
Expected Graduation: April 2027 |  
Hyderabad

## TECHNICAL SKILLS

### **PROGRAMMING LANGUAGES**

JavaScript, java, Python, C

### **FRONT-END DEVELOPMENT**

React.js, HTML5, CSS3, Tailwind CSS,  
Bootstrap

### **BACK-END DEVELOPMENT**

Node.js, Express.js, Flask

### **DATABASES**

MongoDB, MySQL, PostgreSQL

### **CLOUD TECHNOLOGIES**

AWS (EC2, S3), Cloudinary

### **VERSION CONTROL**

Git, GitHub, GitLab

### **TESTING**

Jest, Mocha, Postman (API Testing)

### **SOFT SKILLS**

Collaboration, Communication,  
Leadership, Problem Solving, Debugging

## CERTIFICATIONS

- Oracle Certification - 2024
- Cisco Certification - 2024
- Infosys Springboard Certification - 2023

## LINKS

GitHub:// **CharanDonthu**

LinkedIn:// **charandonthu**