

# SUNIL CHOWDARY GUNTUPALLI

Software Engineer | Cloud Management | Data Analysis | Full-Stack Development

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## SUMMARY

As a dedicated Software Engineer with hands-on experience in data analysis, cloud management, and full-stack development, I aim to leverage my technical skills and passion for innovation to contribute to impactful projects. Seeking a challenging role where I can drive efficiency and enhance performance through cutting-edge solutions.

## EDUCATION

Master of Engineering in Computer Science

University of Cincinnati

08/2023 - 12/2024    Cincinnati, OH

Bachelor of Technology in Computer Science

Koneru Lakshmaiah Education Foundation

07/2018 - 05/2022    Guntur, India

## SKILLS

Java	Python	Django	Vue.js
Azure	Kubernetes	Docker	C++
C	MySQL	CouchDB	MongoDB
Full Stack Development		Data Analysis	
JavaScript	SQL	GitHub	Jenkins
Spring Boot	HTML	CSS	AWS
RESTful APIs	RPA	Data Management	
Google Cloud Platform		DevOps	Git
Agile Methodologies		Predictive Analytics	
Cloud Resource Management		SailPoint	
Software Development Life Cycle			JIRA
Big Data Analytics		Statistical Analysis	
Data Visualization		ElasticSearch	

## CERTIFICATION

Automation Anywhere Advanced RPA Professional

Microsoft Certified: Azure Fundamentals

ServiceNow Certified System Administrator

## TRAINING / COURSES

Data Analytics

EPAM

Java J2EE Course

Wipro Talent Next

DevOps Professional Certificate

LinkedIn Learning

## EXPERIENCE

### Software Engineer

Motorola Solutions

04/2022 - 07/2023    Bengaluru, India

- Led Application Enhancements: Spearheaded the development and optimization of mission-critical applications, which resulted in a 20% improvement in system performance and reliability
- Integrated Data Analysis Tools: Implemented advanced data analysis and visualization features that enabled real-time insights and reduced decision-making time by 30%
- Cloud Resource Management: Managed cloud infrastructure using Azure and Kubernetes, optimizing resource allocation and reducing operational costs by 25%
- Mentorship: Mentored a team of junior developers, increasing their productivity by 40% and leading to quicker project turnarounds and improved team cohesion

### Software Engineer Intern

Motorola Solutions

06/2021 - 04/2022    Bengaluru, India

- Data-Driven Solutions Integration: Enhanced software functionality by integrating data analysis tools, leading to a 15% improvement in user experience.
- Collaborated on Cloud Deployments: Assisted in deploying and maintaining cloud applications using Docker and Kubernetes, which boosted application uptime by 10%.
- Optimized Software Performance: Resolved performance bottlenecks, resulting in an 18% reduction in application load times and improved user satisfaction.
- Team Collaboration: Worked closely with cross-functional teams to deliver high-quality software products ahead of deadlines, improving project efficiency and delivery timelines.

### Technology Intern

Deloitte

01/2021 - 04/2021    Bengaluru, India

- SailPoint Identity and Access Management Implementation: Assisted in deploying SailPoint solutions, automating identity management processes, and reducing manual effort by 35%.
- Data Analysis & Reporting: Provided comprehensive data analysis and generated detailed reports, which enhanced client decision-making accuracy by 25%.
- Cross-Department Collaboration: Coordinated with teams to integrate data analysis tools.

### Web Developer Intern

Mad Crayons

06/2020 - 07/2020    Delhi, India

- Developed Full-Stack Web Applications: Created responsive web apps using JavaScript, Vue.js, and Django, resulting in a 30% increase in site traffic and engagement.
- UI/UX Enhancements: Partnered with design teams to improve user interfaces and overall user experience, resulting in a 20% increase in user satisfaction.
- Performance Optimization: Reduced website load times by 25% and refined overall speed.

## PROJECTS

### AWS EC2 Registration System

Deployed a scalable web server solution on AWS EC2 for a secure user registration system, featuring interactive functionalities and data storage.

### Docker Data Processor Project

Utilized Python within a Docker container to process and analyze text files, providing detailed word count statistics and data extraction capabilities.

### Google Dialogflow Chatbot

Developed a chatbot on Google Cloud Platform (GCP) using Dialogflow to handle college inquiries, offering an interactive and responsive system for student engagement.

### Big Data Weather Analysis

Analyzed large-scale weather datasets with PySpark on Anaconda and Jupyter Notebook, identifying significant weather patterns and statistical trends.

### Exploratory Data Analysis with Databricks

Used Databricks Community Edition to perform thorough data analysis and visualization on a variety of datasets, producing insights that could be put to use.

### Certificate Management System

Built a robust system for tracking, issuing, and verifying certificates, enhancing certificate management and administration efficiency.

### Movie Ticket Booking System

Designed a C-based platform for managing movie bookings, including ticket selection, reservation, and purchase functionalities.

### Tic-Tac-Toe Game

Developed a game in Python, featuring advanced game logic and user interaction capabilities.