

Dheemanth Nomula

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EDUCATION

Auburn University at Montgomery

Master of Engineering in Computer Sciences

Jan, 2024 – Expected Aug, 2025

Jawaharlal Nehru Technological University, India

Bachelors of Technology in Information Technology

Jun, 2018 - May, 2022

SKILLS

Programming Languages: C ++, Python, HTML and CSS, JavaScript

Database: MongoDB, SQL, AWS, MySQL

Cloud & System Monitoring: SAP System Monitoring, Performance Optimization

Frameworks: ReactJs, Flask, Node.js, Django

Data Science: Machine Learning, Data Structures & Algorithms

Tools: Weka, VS Code, Eclipse and Visual Studio

Certifications: The Joy of Computing Using Python by NPTEL; Google IT Support Professional Certificate by Coursera; Introduction to Machine Learning by NPTEL; Python Complete Course by Udemy

Relevant Courses: Advanced Algorithms, Software Architecture, Operating Systems, Database Management Systems, Computer Networks

EXPERIENCE

Associate Engineer, Cloud4c Pvt Ltd, Hyderabad

Feb 2023 - Dec 2023

- Monitored & optimized SAP system performance, ensuring 99.9% uptime for critical applications.
- Led incident response & troubleshooting, reducing resolution time by 30%.
- Implemented patch management & system upgrades, improving security & efficiency.
- Automated alert monitoring processes, reducing manual workload by 20%.

Internship Trainee | iSOFT Pvt Ltd

Nov 2022 – Jan 2023

- Developed a dynamic web application using Python, Django, SQL, Tkinter, enhancing user experience and functionality.
- Collaborated with a team to build, test, and debug a full-stack web solution.
- Improved database efficiency by optimizing SQL queries and ensuring seamless backend integration.

PROJECTS

Voice-Based Email for Blind

- **Tech Stack:** Python, Django, HTML, CSS, JavaScript, SQL.
- **Concept:** Developed an accessible web application for visually impaired users to send emails using voice commands.
- **Features:** Send Email, Receive Email, Speech-to-text conversion

Criminal Face Detection

- **Tech Stack:** Python, Open CV, Machine Learning
- **Concept:** Designed a computer vision system to identify criminals using real-time facial recognition.
- **Features:** Integrated system with traffic cameras, alerting authorities upon identification, Face Recognition

Emotion Based Music Recommendation System

- **Tech Stack:** Python, Deep Learning, Data Science
- **Concept:** Built a music recommendation engine that suggests songs based on user emotions. Utilized Machine Learning models for sentiment analysis and personalized suggestions.
- **Features:** Prediction of Music based on emotions.

AVAILABLE FOR FULL TIME EMPLOYMENT IN AUGUST 2025