

JYOTHSNA “JOY” NAGELLA

DevOps Engineer | Application Developer Intern

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SUMMARY

Dynamic DevOps Engineer and Application Developer Intern with over three years of experience in analyzing, managing, and troubleshooting applications. Proficient in AWS and Azure DevOps with a strong command of IIS, Apache, Tomcat, and various other technologies. Adept at developing user-friendly web applications and optimizing performance. A collaborative team player known for problem-solving, continuous learning, and adaptability in fast-paced environments. Committed to maintaining high standards of security, professionalism, and innovation in every project.

TECHNICAL SKILLS

- **Operating Systems:** Linux (Ubuntu, CentOS), Windows
 - **Scripting & Automation:** Bash Scripting, PowerShell
 - **Programming Languages:** Python, R, C, C++, HTML, CSS, JavaScript
 - **Technologies:** Apache, Tomcat, Squid, IIS, Informatica, Trillium
 - **Proxy Management:** Forward and Reverse Proxy Configuration
 - **Networking:** TCP/IP, DNS, SFTP, SSH
 - **Cloud Platforms:** Azure DevOps, AWS, GCP
 - **Monitoring & Logging:** Grafana, ServiceNow, Flexera, HVM
 - **Database Administration:** MySQL, Oracle
 - **Security:** SSL/TLS Certificate Management, Vulnerability Mitigation
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WORK EXPERIENCE

Application Developer Intern

Workasaservice.ai, Chicago, IL (Remote)

July 2023 – Present

- Developing and optimizing user interfaces for web applications using HTML, CSS, JavaScript, and jQuery.
- Responsible for maintaining and improving website performance, ensuring maximum speed and responsiveness.

- Collaborating with developers to troubleshoot technical issues, update existing applications, and ensure seamless functionality.
- Actively involved in Azure DevOps, managing CI/CD pipelines, and contributing to the integration of cloud-based services.
- Staying current with emerging technologies and industry trends to continuously enhance project outcomes.

DevOps Engineer

ATOS Global IT Solutions & Services Pvt Ltd, Chennai, India

January 2021 – August 2023

- Led DevOps initiatives for the PHILIPS HEALTH TECH project, managing applications across Windows, Linux, and AIX environments.
 - Automated routine tasks with Bash scripting, significantly improving system efficiency and reducing errors.
 - Installed and configured key software components like HVR, ensuring smooth integration with existing systems.
 - Mitigated security vulnerabilities by addressing risks associated with various technologies, including Java and TLS/SSL ciphers.
 - Developed scripts for middleware service management on Linux, streamlining deployment processes.
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EDUCATION

Master of Science in Computer Science

Florida Atlantic University, Boca Raton, FL

Expected Graduation: May 2025

- GPA: 3.2
- **Key Courses Completed:**
 - **Data Mining and Machine Learning Algorithms:** Completed several projects using important machine learning algorithms.
 - **Analysis of Algorithms:** Applied machine learning algorithms in various projects.
 - **Notable Projects:**
 - **Data Mining:** Used the deep learning technique U-Net to analyze MRI scans and identify brain tumor regions for brain segmentation.
 - **Analysis of Algorithms:** Completed a final project on Closest Pair algorithms using Brute-Force and Divide and Conquer algorithms.

Bachelor of Engineering in Computer Science

Saveetha Institute of Medical and Technical Sciences, India

Graduated: 2020

- GPA: 7.7
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LANGUAGES

- **English:** Very Fluent
 - **Telugu, Tamil, Hindi:** Native Proficiency
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HOBBIES

- Behavioral Economics, TED Talks, Udemy Courses
- Physical Fitness, Yoga, Trekking
- Canvas Art