

# Divyagnan Katepally

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🔗 Portfolio

## Profile

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I am a final-semester master's student in Information Technology at Southern New Hampshire University. I have strong skills in Java, Python, MySQL, HTML, CSS, and operating systems like Windows and Unix/Linux. I hold certifications in CCNA, Java Full Stack, and Cybersecurity Essentials. I am eager to apply my knowledge and skills to real-world technology challenges.

## Skills

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### Operation System

Unix/Linux, Windows

### Web Tools

UI UX, HTML, CSS

### Databases

Mysql

### Languages

Java,Python,Machine Learning, DataScience

### Cloud

AWS,Azure

### Version Control

Git, Github

## Education

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08/2023 – present  
New Hampshire, USA

**Masters of Science - Information Technology**  
*Southern New Hampshire University*

07/2018 – 09/2022  
Hyderabad, India

**Bachelor of Technology - Computer Science**  
*Jawaharlal Nehru Technological University Hyderabad*

## Professional Experience

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10/2022 – 03/2023

### Intern

*Regex Software Services* [🔗](#)

- Created a dynamic web application utilizing contemporary technology.
- obtained practical knowledge of front-end technologies, including Angular, HTML, CSS, and Bootstrap.
- learned how to use Java, Spring Boot, Hibernate, and Servlets for backend development.
- For safe transactions, a payment gateway was integrated.
- To provide real-world access, the program was deployed on a server.

01/2021 – 03/2021

### Intern - Virtually Testing Foundation

- Gained hands-on experience with VMware Horizon and Kubernetes.
- Learned virtualization concepts, cloud management techniques, and deployment strategies.
- Developed problem-solving skills by working on real-world technology scenarios.
- Enhanced knowledge of containerization and virtual desktop infrastructure solutions.

## Certificates

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### Prompt Engineering(Clickable)

Completed By **IBMSkillsNetwork**

### CCNA

Networking Training from Prompt Infotech

### Cybersecurity Essentials

International Cybersecurity Institute

### Machine Learning & Data Science

Goeduhub Technologies

## Projects

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### Nature\_Blog

*Technologies: HTML, CSS*

- Designed and developed a fully responsive website showcasing blog posts about nature and environmental topics.
- Created an engaging user interface with clean layouts and effective navigation using HTML and CSS.
- Implemented aesthetic design elements and optimized page structure for an enhanced user experience.
- Focused on accessibility and cross-browser compatibility.

### Doctors Appointment Booking App Prototype(Clickable)

*Technology: Adobe XD*

- Designed an intuitive and user-friendly UI/UX prototype for a doctor appointment booking app.
- Developed interactive and clickable prototypes showcasing features such as appointment scheduling, doctor search, video consultations, and medical report storage.
- Focused on creating a seamless user experience with clear navigation and aesthetically appealing layouts.
- Conducted user flow mapping and wireframing to enhance accessibility and usability.

### Data Visualisations

- Obtained the Netflix dataset for analysis via Kaggle.
- Trends in genre distribution and content release dates were visualized.
- For improved understanding, time-series plots, pie charts, and bar charts were made.
- Changes in the popularity of the genre over time were noted.
- Seasonal changes in content additions were examined.
- Offered insights into user engagement and Netflix's content strategy.

## Awards

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2020

### Secured First Place in IOT

*Aakaar IIT(Bombay)*

2019

### Secured Second Place in Hackathon

*Telangana State Innovation Cell*