SANJEEV

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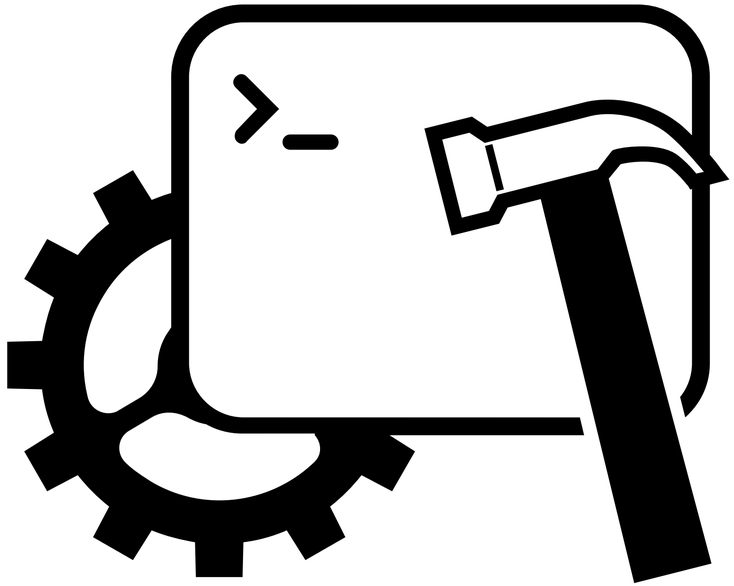
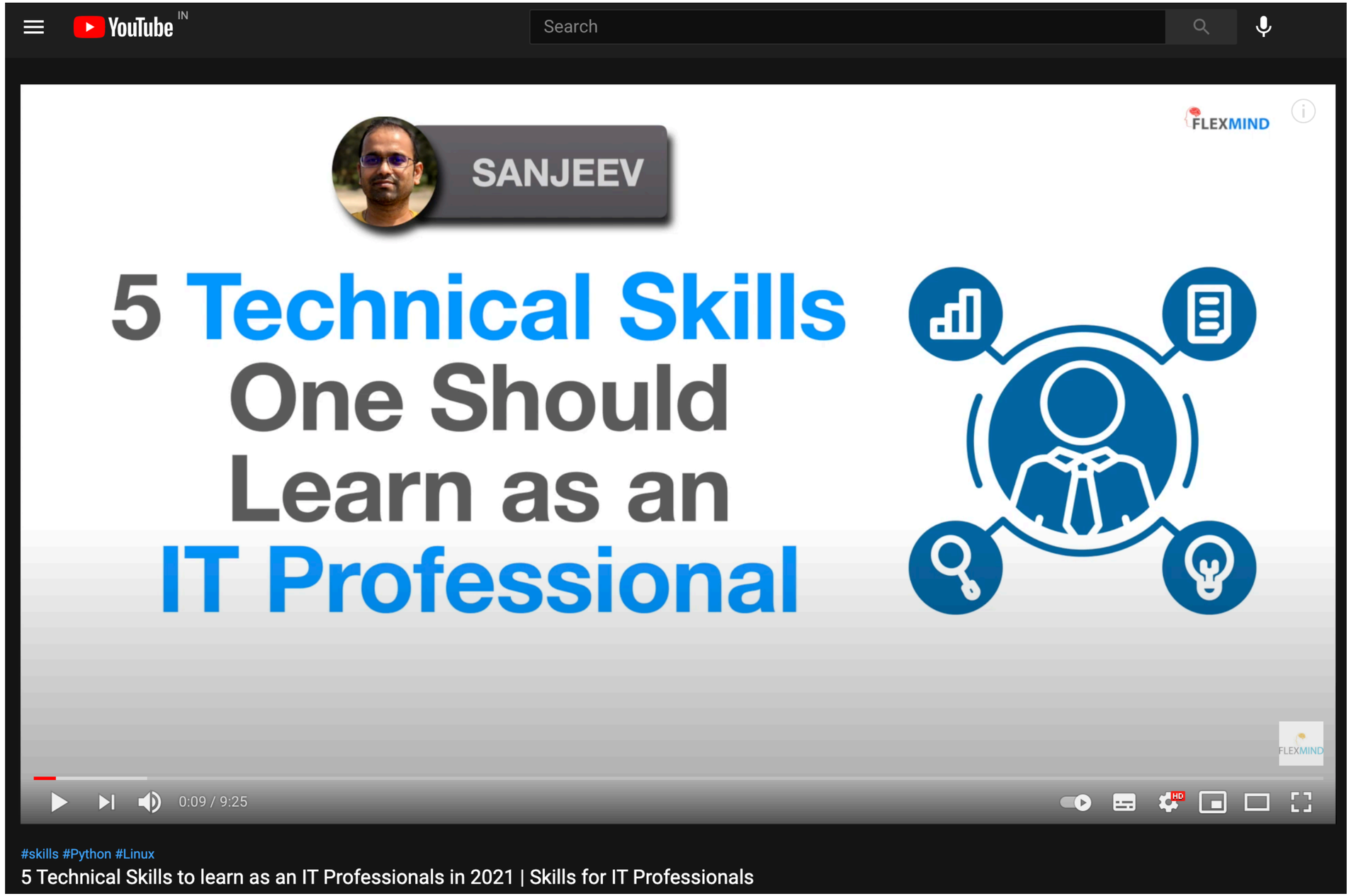
# 7 Technical Skills to become an Outstanding Developer






#skills #Python #Linux

5 Technical Skills to learn as an IT Professionals in 2021 | Skills for IT Professionals

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# Secure Coding

- Code is the core of the application
- Least consideration amongst Developers
- Aware to make code functional but not aware on how to write secure code
- Secure Code Standard: OWASP ASVS, CERT Secure Code
- Secure Code Design
- Secure Code Practices and Checklist
- Understand OWASP Top 10
- Time to Learn Threat Modeling

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# Software Testing

- Minimal Edge Case
- Functional vs Security
- Unit Testing
- Cross-Browser Testing
- Network Testing
- Aware of few testing tools
- Automation is the key

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# Databases

- Aware of Various DBs
- More than basic commands
- Aware of Security settings
- Able to understand DB design
- Comfortably talk with DB Architects

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# Cloud Essentials

- Advantages of Cloud
- Common terminologies
- Moving to the Cloud
- On-prem vs Cloud
- Cloud Native Development
- 12 factor App
- Basics Hands-on (AWS)

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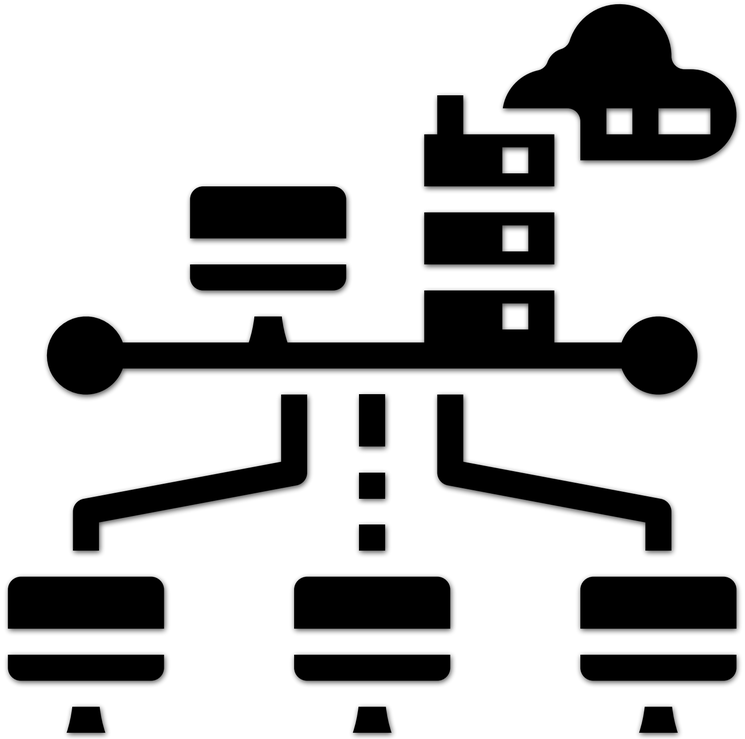
# Network Basics

- IPv4 vs IPv6
- Public vs Private IP
- Basic Network troubleshooting
- Proxy, internet, intranet
- Aware of Infra settings
- Good Understanding of TLS



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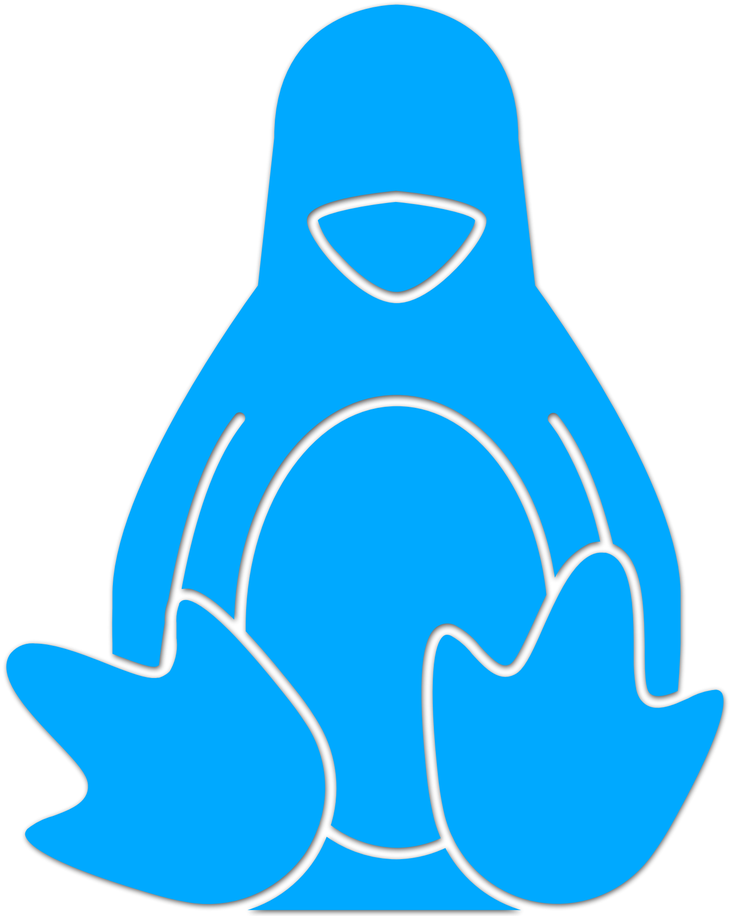
# Linux

- Basic Linux Commands
- Able to ssh
- Linux folder architecture
- Vim, Nano, Emacs
- Able to install/update
- Some Networking Commands
  - ping, nslookup, dig, traceroute
  - curl, wget, nmap
- Basic Linux troubleshooting



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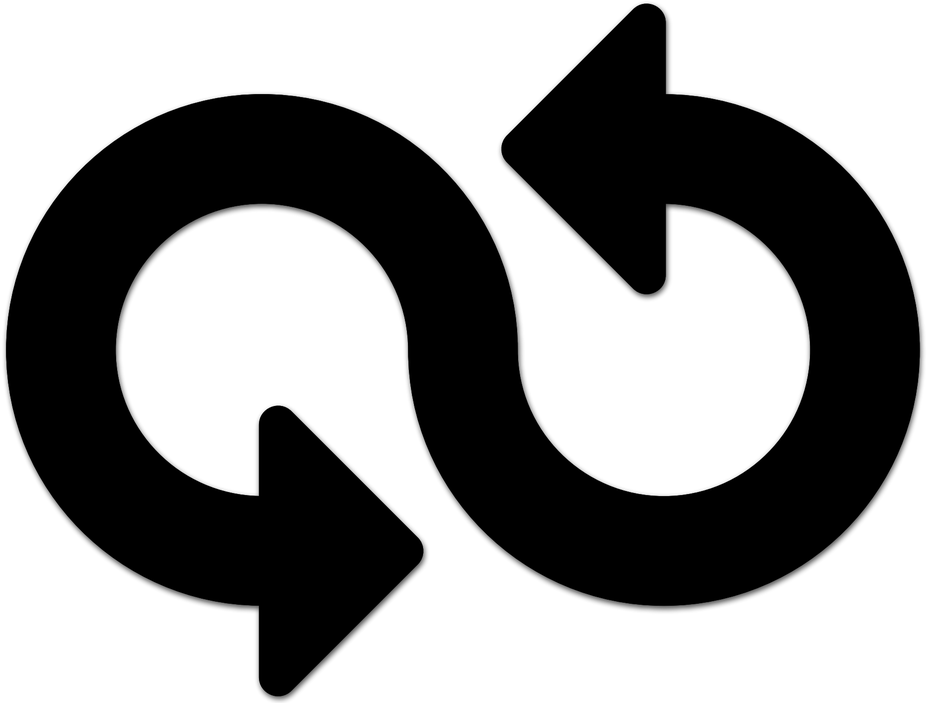
# DevOps Basics

- Clear idea of SDLC phases
- How Code is integrated to different phases
- Know the pain of Operations
- Get involved in CI/CD Pipeline
- DevOps is not just Tools
- Think Beyond Agile
- Make it a real working culture



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# Did I Miss Something?

## Want to add anything?