

# Mark Veidemanis

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## PROFILE

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Self-motivated and independent software engineer and system administrator. The most important skill I have is the ability to dive into a new topic, and use my deep understanding of software architecture to not only learn the topic, but also find innovative ways to apply its techniques and fundamentals to existing projects and add instant value. I'm very passionate about what I do, and frequently gain new skills as a result of pursuing personal programming and system administration projects. I routinely manage a set of servers for personal services, and participate in community projects, meaning the skills I have are not just for the job - I use and refine them in my personal projects and endeavours.

## SKILLS

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- BSD/Linux system administration
- System and software security hardening
- Advanced Python programming and shell scripting
- Network configuration and troubleshooting
- Version control systems and development paradigms
- Enterprise access control systems - LDAP/Kerberos
- Agile methodology
- Time management and planning
- Translating technical jargon
- Managing customer relationships
- Automating tasks
- Graphical planning of projects

## EXPERIENCE

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### PATHOGEN – *Founder*

2015- KEY RESPONSIBILITIES

Analysing unstructured social media by annotating sentiment, topic modeling, n-grams and various other methods to elucidate the invisible value that secretly resides within the visible word. It's no secret less is said than is meant, and a great deal of value can be extracted by using semantics, timing, metadata and punctuation to let us glean more information about the mindset of people and what is actually intended, rather than what is simply said.

- Modular software design in Python
- Elasticsearch stack for scalable data storage
- Enterprise environment with LDAP
- Sentiment analysis and topic modeling
- Least-trust ACL by default
- Natural language processing
- Neurolinguistic profiling

### G-RESEARCH – *Engineer*

2019-2021 KEY RESPONSIBILITIES

Supporting trading-critical operations through maintenance of enterprise infrastructure and services, configuring and sustaining Agile productivity tools for the entire business. Responding to live incidents and resolving them within the SLA. Managing incoming tickets and ensuring updates are timely.

- Installing enterprise infrastructure
- Issue troubleshooting and resolution
- Root cause investigation
- Creating automation software
- Responding to incoming tickets

### OCTOPUS COMPUTERS – *IT Technician* 2017-2019

KEY RESPONSIBILITIES

Migrating email and data to cloud platforms so businesses can benefit from the flexibility of cloud products. Troubleshooting and resolving end-user tickets, escalating to the vendor when necessary. Installing and configuring enterprise networking systems and hardware. Using clear and simple to understand terms to explain technical issues to non-technical people.

- Configuring networking hardware
- Liaising with clients to resolve issues
- Managing appointments for on-site work
- Training junior technicians
- Maintaining critical servers
- Advising on technical project proposals