

Saeed Ghiassy

SOFTWARE & NETWORK ENGINEER



+ CONTACT

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<https://ghiassy.net/>



<https://github.com/saeedirha>



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+ EXPERIENCES

2017 (6 months)
Linux & Network Administrator
[OnTheNet Company](#)
Gold Coast, Australia

- System and Network Administration
 - VMWare vSphere and vCenter – Installation/Management/Maintenance of Virtual Servers
 - Domain Names – Registration, Zone Transfer, Zone Management and DNS Configuration(BIND Server)
 - LDAP and MySQL
 - JIRA and Confluence
 - Servers Monitoring and Maintenance – Nagios and Wirehark
 - Local Network Messaging – Jabber with XMPP
 - Linux Operating System – RedHat and Debian base distributions
 - ProxMox VE
- Email Services Management and Maintenance
 - Postfix
 - iRedMail
 - Cyrus IMAP Server
 - Roundcube Webmail
- Web Hosting Administration and Support
 - cPanel/WHM
 - Plesk
 - WordPress
 - Apache and Nginx
- Managing Security of Networks and Servers
 - pfSense Firewalls
 - iptables
 - CSF clustered firewalls
 - Apply Security patches and keep servers up-to-date
- Network Backup – Rsync
- Customer support – installation, configuration, maintenance and troubleshooting as required

2014
Software Developer
[Office of the Auditor General](#)
[\(O.A.G\)](#)
Perth, Australia

- Designed and developed Auditing software.
- C# .NET programming
- Working with GIT as a source code management system.
- Designing and managing database for the application.
- Administrating Database server.
- Reverse Engineering and analysing malware.

2010 – 2012
Software Solution Contractor
Ghiassy Software Co. Ltd
Tehran, Iran

- Developing Firewalls and Network Monitoring software
- Design, Implement and maintaining large industrial network as well as developing Network based Customer Relation Management(CRM) System.
- Developing solutions based on business requirements.
- Computer Forensics – Developing software to recover and analyse data from storage devices
- Developing Graphical User Interface (GUI) application in C++ and Java for non-technical users to interact with Systems Database(MySQL and MSSQL).
- Developed an application to simplify and automate report generating system.
- Developing CSS and HTML web pages as well as PHP and WordPress.

2008 – 2010
Java & C++ Developer
ANPR Ltd.
Preston, United Kingdom

- Developing motion detection and image processing application to capture and analyse live image from CCTV cameras to read vehicle number plates.
- Developing interactive database application – to store vehicle information and plate numbers.
- Developing user friendly interface for ANPR main product.

+ EDUCATION

2013 – 2015
Edith Cowan University
Perth, Australia



MASTERS OF COMPUTER AND NETWORK SECURITY – DISTINCTION

- Computer Security.
- Physical and Network Security
- Wireless Security
- Ethical Hacking and Defences
- Computer and Network Forensics
- Advanced Scripting languages – PHP, Bash, Perl, Python
- Principles of Project Management
- Work internship Project

2013 – 2015
Manchester Metropolitan
University
Manchester, United Kingdom



BACHELOR OF COMPUTER SCIENCE – HONOURS DEGREE

- Networking Administrator and Security – using Python, Encryption algorithms, Linux Bash scripting
- Web and Internet Development – using Perl, JSP, Java, PHP, HTML and MySQL
- Advanced Database Development – using Oracle 10g
- Human Computer Interaction
- Final Degree Project – using very sophisticated Java programming and JXTA technology to create fully functioning Peer-to-Peer File sharing application
- Advanced Java Programming
- Advanced Databases Development with Oracle
- Information Systems Development and Organisation
- Computer Hardware
- Computing Methods

+ CERTIFICATION

Linux Professional Institute
Certification (LPIC -1)



Verification URL: <http://www.lpi.org/verify/LPI000351379/r63mg84qem>

+ I.T PROFESSIONAL SKILLS

Operating Systems	Windows, Linux, FreeBSD and Android
Programming Languages and Tools	<ul style="list-style-type: none">• C/C++ – Advanced• Java – Advanced• Python – Advanced• Bash Scripting – Moderate• C# – Moderate• PHP – Moderate• Assembly – Basic• Git and SVN
Software Development Methodologies	Agile, Waterfall
Networking	<ul style="list-style-type: none">• TCP/IP, Routers• Network Services such as:<ul style="list-style-type: none">◦ BIND, SSH, FTP, Telnet, Web Servers, SMTP, IMAP, NTP, Proxy Servers and XMPP.• Firewalls – Iptables, pfSense, CSF• Local Network Messaging• Monitoring and maintenance – WireShark, TcpDump and Nagios

Virtualization Technology	<ul style="list-style-type: none"> • VMWare – ESXi, vSphere and vCenter • Windows Hyper-V • Oracle VirtualBox • KVM on CentOS
Databases	<ul style="list-style-type: none"> • MySQL • Microsoft SQL • Oracle 10g • SQLite
Web Hosting	<ul style="list-style-type: none"> • CloudLinux OS • cPanel/WHM and Plesk • Apache and Nginx • WordPress
Computer Forensics and Security Methods	<ul style="list-style-type: none"> • Malware Analysis, Detection and Removal. • Data Carving and Recovery. • Penetration methods to detect and eliminate Network Threats. • Kali Operating System and its tools.

+ PROFESSIONAL HIGHLIGHTS

I integrate easily with new developers team.

I love to take initiatives for new interesting ways of development and techniques.

I really like Linux OS and Computer Network Structures.

I am very passionate about Software Engineering and Programming also try to get involved in open-source projects for coding and bug hunting.

I really love Computer Security, Malware analysis and Reverse Engineering.

I also like to share my knowledge with people who are interested in I.T and I make programming video tutorials on my free time and share them on my [YouTube Channel](#). Also share my codes through my [Website](#) and my [GitHub Repositories](#)

+ OTHER SKILLS AND HOBBIES

- ↪ Reading
- ↪ Gaming
- ↪ Martial arts – Brazilian Jiu-Jitsu and Muay Thai mostly.
- ↪ Football.
- ↪ Swimming and Scuba Diving.
- ↪ Skydiving.

+ REFERENCES

Mr. Paul Pyyvaara

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 Edith Cowan University
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Trevor Whitehouse

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