



ANDRE NURWONO

ENTERPRISE NETWORK ENGINEER

PROFILE

Senior Enterprise Network Engineer with experience in various customer systems implementation and deployment, problem-solving, and incident investigation for IT infrastructure products ranging from application scaling and high availability, L7 firewalls, DOS and botnet detection, capacity planning, integration, debugging, and automation.

GOALS

Develop industry-standard online courses in networking and full-stack development

CONTACT

andrenrwn@yahoo.com

Available upon request

SKILLS

- Web development • HTTP • CSS • HTML5 • expressJs • Model-View-Controller (handlebars) • ORM (Object Relational Modelling) w/ Sequelize • Mongoose • React • JWT
- Programming • Bash • Perl • Awk • sed • TCL • C • C++ • Pascal • Javascript • JQuery • Python • NodeJS • BASIC • LISP • FORTRAN
- Development • VSCode • ESLint • Babel • Webpack • JSDoc • gdb • Git/GitHub
- APIs/Frameworks • MERN • LAMP • Google Place • Google Map • Unsplash • Openweather • OpenAI • Tailwind CSS • DaisyUI • bcrypt • inquirer • blessed
- Databases • MongoDB • MySQL • MSSQL • Atlas
- Deployment • AWS • Google Cloud • Heroku • Netlify • Render
- Web design • Adobe Photoshop, Dreamweaver • GIMP • Lucidchart • Figma
- System engineering • Linux • Windows Server • Vmware ESX
- Networking & System administration • tcpdump • tshark • wireshark • fiddler • Insomnia • Postman • httpwatch • netcat • iptables • Wi-Fi 6 • apachebench • tcpreplay • dnsperf • ixia/spirent • sipp • jmeter • VPN • VXLAN • Ethernet • arp • LACP • IP • Ipv6 • dhcp • rip • ospf • bgp • bfd • IP-IP • GRE • L2TP • VXLAN • TCP • UDP • SCTP • HTTP • ICAP • WCCP • MQTT • Diameter • Radius • SIP • RTSP • FTP • TFTP • POP3 • DNS • bind • DDNS • unbound • TACACS+ • Load-balancing • LDAP • SNMP • REST • RRD • Solarwinds • HP Openview • splunk • VRRP • TCP/IP • 3gpp PCRF • deep packet inspection • traffic steering • bandwidth control • SMPP
- Cybersecurity • TLS • SSL VPN (DTLS) • SSL proxying • PPTP • L3 Firewalls • L7 Firewalls • Web Application Firewalls • Bot defense • DDOS mitigation • Authentication
- Project management • Visio • Ganttproject • RFP • RFP Response • Proposals

EXPERIENCE

SR. ENTERPRISE NETWORK ENGINEER

Train engineers on new technologies and features in our product. Provide tier-3 support for service engineers and presales engineers. Investigate, find, and develop solutions for problems raised by customer production environments. Deploy pre-sales proof of concepts. Test and reproduce bugs from lab and customer environments, liaise with product developers to test

and reproduce bugs, request software enhancements, and write documentation of the solutions.

NETWORK CONSULTANT / TRAINER

Conduct product and implementation training for partner solution engineers and end-user system administrators. Provide pre-sales and post-sales consulting, proposing highly available network infrastructure using vendor solutions.

PRESALES CONSULTANT / SYSTEM ENGINEER

Implement high-availability and load-balancing deployment network designs using content delivery products. Pioneered product deployments in new markets in six countries throughout Southeast Asia. Presented technical product deployments at seminars for partners. Trained resellers and end-users.

INFORMATION TECHNOLOGY (BSC)

ABILENE CHRISTIAN UNIVERSITY

CERTIFICATIONS / AWARDS

CODING BOOTCAMP

UNIVERSITY OF TEXAS AT AUSTIN / EDX

F5 CERTIFIED! TECHNOLOGY SPECIALIST, BIG-IP DNS, 2021

F5 CERTIFIED! TECHNOLOGY SPECIALIST, BIG-IP LOCAL TRAFFIC MANAGER, 2019

F5 CERTIFIED! ADMINISTRATOR, BIG-IP, 2017
COMPTIA NETWORK+

F5 CERTIFIED TRAINER FOR BIG-IP V4.2, 2002

F5 CERTIFIED TRAINER FOR 3-DNS V4.2, 2002

F5 CERTIFIED TRAINER FOR ADVANCED BIG-IP V4.2, 2002

F5 CERTIFIED CONFIGURATION PROFESSIONAL, 2002

F5 CERTIFIED PRODUCT CONSULTANT, 2002

CISCO CERTIFIED DESIGN ASSOCIATE, 2000

CISCO CERTIFIED NETWORK ASSOCIATE, 2000

CIW PROFESSIONAL, 2001

CIW ASSOCIATE, 2001

MCP+INTERNET 1999-2000

INTEL CERTIFIED NETWORK SPECIALIST, 1999-2002

INTEL CERTIFIED CONSULTANT, 1999-2000

INTEL CERTIFIED INTEGRATION SPECIALIST, 1999-2000

HIGH FIVE AWARD, 2014

QBR BEST PILLAR OF SUPPORT, 2012 (F5 NETWORKS REGIONAL AWARD)

HIGH FIVE AWARD, 2011

HIGH FIVE AWARD, 2010

HIGH FIVE AWARD, 2007 (F5 NETWORKS GLOBAL CORPORATE
EMPLOYEE AWARD)