NAME
        Gaurav Rajput - a social nerd

SYNOPSIS
        gaurav [--blockchain] [--devops] [--cloud-architect] [--admin systems|
        network] [--security] [--educator]

SUMMARY

        I am a huge supporter of DevOps culture, with the philosophy of
        "automate everything". As, I am experienced in Fintech domain, I took
        part in designing, managing and migrating the PCI-DSS certified cloud
        infrastructure on both AWS and OpenStack. I am a Linux Systems'
        Engineer with skills in system and network administration with hybrid
        cloud management. I have administrative experience on many different
        Hypervisors and Container virtualisation technologies. I have also
        worked with a startup dealing mainly in Logistics domains as Sr.
        DevOps Engineer. In last one and half years,I have acquired knowledge
        in Blockchain technology. My area of interests are both the permissi-
        onless and permissioned ledger. I have also worked on an automated
        cryptocurrency trading platform, as a trading strategy maker.

OPTIONS

        --blockchain

        I have basic understanding of blockchain architecture, which includes
        Smart Contracts, Consensus algorithm and scaling issues. I can design
        and deploy the on-premise permissioned ledger and write basic smart
        contracts.

        * Permissioned Ledger   : Hyperledger (consists of multiple blockchain
                                  platforms, e.g. : Fabric, Iroha, Sawtooth)
        * Permissionless Ledger : Bitcoin, Ethereum, Byteball, etc.

        --devops

        Working as DevOps, I have experience in designing, implementing and
        automating the services on different cloud platforms. I have created
        internal (to company) tools using Bash and Ruby to empower different
        teams.

          * Cloud Platforms   : AWS, OpenStack.
          * Configuration Management : Chef, Puppet.
          * Scripting Lanaguages   : Bash, Ruby, Python.
          * Continuous Integration : Jenkins.
          * Virtualisation Platforms : KVM/QEMU, Xen, Docker.
          * Performance Testing   : Apache Jmeter, AppDynamics.

        --cloud-architect

        I have experience in designing multi-environment cloud infrastructure on
        AWS and OpenStack. This responsibility includes finalising the cloud
        platform, doing the capacity planning and designing the continuous
        deployment strategy. I have successfully migrated the whole infrastruc-
        ture (small scale) from AWS to OpenStack.

        --admin systems

        Extensive experience with the configuration, hardening and maintenance
        of various Linux distributions, including:

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              * CentOS, Fedora, Amazon Linux.
              * Debian, Ubuntu, Kali Linux, Linux Mint.

        The server technologies experience includes:

              * Web Servers              : Apache, Tomcat.
              * Logging                  : Logstash, Elasticsearch, Grok, Kibana.
              * Monitoring and Alerting : Nagios, Elastalert, NTop.
              * Databases                : Percona XtraDB cluster (mysql), MongoDB,
                                           RDS, Trove.
        --admin network

        Experienced in managing multi-subnet infrastructure, along with managing
        the Load-balancers, proxies and web-applications. I am also interested
        in Software Defined Networking. I have worked on Route53 and OpenStack's
        networking service, Neutron.

              * Networking Services : Neutron, Route53, VPC networking.
              * Networking Tools     : Tcpdump, Wireshark, Nicstat, Nmap, Unicornscan

        --security

        As, I am highly intested in Information Security, I have used some of
        the infosec tools:

              * Firewalls                  : Fortinet-Fortiget hardware firewalls,
                                             iptables, Security Groups, NACLs.
              * Intrusion Detection Systems: OSSEC, Snort, Bit-Defender, Auditd.
              * User and Identity          : IAM, Keystone, TOTP, FreeIPA (LDAP +
                                             Kerberos + SSSD + NTP).
              * Vulnerability Assessment    : OpenVAS, Nikto, Nexpose Community.
              * Penetration Testing         : Metasploit Framework, w3af, nmap.
              * Package Management          : Spacewalk Server.

        --educator

        One of the founding member of the club started in college, called "The
        C club", responsible for teaching the different Open source
        technologies, especially C and Linux. "The C club" is trying to bridge
        the gap between academic and industrial knowledge.

HISTORY
        * Aasaanpay Solutions Pvt Ltd, Hyderabad, India (June 2013-March 2015)
          - Lead Infrastructure

        * Suvidhaa Infoserve,         Mumbai, India (March 2015-October 2015)
          - Project Manager

        * Turvo India Pvt Ltd,   Hyderabad, India (October 2015-December 2016)
          - Sr DevOps Engineer, AWS.

        * Blockchains Enthusiast and Currency Trader  (January 2017-Till Date)

SEE ALSO
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