**04288**

* + Title: go/.net/java/fullstack software developer, Bachelor Degree of Computer Science (211 Project University, 2009-2013 in NCEPU, burn in Aug. 1990)
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  + Cell: +86 15122304288, Beijing, China.

**Skills & Qualifications:**

* + English: CET-6, IELTS 6.0
  + Hands on setup Kubernetes, docker, containerd,etcd, ingress,flannel/calico, CRI/CNI/CSI.deployment/statefulset/daemonset/service. Know network and troubleshooting within k8s. pv/pvc/configmap/secret management. Could use helm/chart. k8s cluster/pod failover, AR,DR solution. know Ceph, nfs storage. Could Set up Kubernetes cluster and kubesphere for CICD and maintainace.
  + Farmilar with AWS/Azure/Ali Cloud/Tecent Cloud. Code with infra-as-code like Terraform. AWS cloudformation, CDK. Hands on cloud such as AWS/Azure/aliyun/tecentCloud.know S3/DynamoDB/ali RDS/OSS/tecent dnspod.configure assets in AKS, configure visiting rules such as ports,ip, to virtual machines or pods.
  + Know Linux OS optimizing performance for security flow,network policy. Optimize and patch. Know rbac/policy/firewall/iptables. Have solutions of Kubernetes cluster Disaster Recovery, Application Recovery, DB/Storage Backup.
  + Linux commands, shell (bash,sh,expect). Hands on Ansible/cloud api for batch operation.
  + Familiar with CNCF components such as coredns, etcd, Prometheus, Grafana,vault, containerd, cri-o, helm, service mesh.
  + Hands on setup monitoring system ELK, promethues, Grafana. Know the how filebeat, agent work principle
  + Hands on gitlab/github/bitbucket manangement include branch/tag/configuration. CICD pipelines with Jenkins scripts, Jenkins ShareLib, ansible. nexus, Harbor.
  + Have coding experience with go/java/.net/nodejs.
  + Have experience with machine cluster, application/middleware cluster maintainace. Know troubleshooting to for network issue using telnet,curl,nc,tcpdump,wireguard,wireshark,traceroute,tracepath. Known linux route tables/iptables/ipsets/virtuall IP/ip adapter/LB/port/firewall/wireguard/ tunnel network/LAN/NAT rules well. nslookup for DNS issue
  + Master in network principles, CDN, DNS, firewall, proxy, F5 and Load balance.
  + LAN environment, Bi-Level,Three Layer Level well. basic switch, exchange, route and TTL. Public IP, private IP, virtual IP for trouble shooting.
  + network protocol tcp/udp/icmp/ssl/tls. Know SOAP or restful for HTTP,http2/http3/, ftp, rdp, TTL and other RPC protocol(ICE).CA authentication for https.
  + Hands on gitlab, github, bitbucket and branch, version, tag management.
  + Backend: C#,Java/go/javascript/nodejs. know JVM underlying principle and high performance.
  + Frontend: javascript/angular/react/css/scss/html, other lib: jquery/bootstrap
  + Framework: .netcore, netFramework, sprintboot, basic servlet
  + DB: sqlserver/oracle/mysql, redis, elesticsearch/
  + Middleware MQ:kafka, rocketMQ
  + Web server: IIS/tomcat/nginx/nodejs/httpd
  + Testing: robot framework/selenium/specflow/cucumber/mstest, jmeter/postman/soapui
  + Architecture: SOA, micro service. Good understanding of architecture in web application knowing webserver IIS, Nginx, Tomcat and B/S web architecture.

**Working Experience:**

**2022.5 –now Clouddeep Technology Co., LTD, Beijing China, DevOps senior**

Setup CNI calico, ingress, NFS of pv/pvc/storageclass for Kubernetes cluster. Add applications into deployment/statefulset/service. Add kubesphere UI portal for CICD, service mesh management.

Preparing helm charts for Kubernetes CD automatically.

Support Trouble Shooting for network malfunction, using wireshark, tcpdump, traceroute, tracepath, nslookup tools for troubling shooting DNS mapping, linux routetales, iptables/ipsets, firewall rules, virtual network adapters.

Build up CICD using Jenkins pipeline scripts so that doing deployment automatically. setup nexus,harbor, docker, Kubernetes for golang, nodejs applications.

Offer scripts for ssh to deploy to target machine via jumpserver. Using linux expect for continuing running shell scripts without interaction.

Build up Grafana, Prometheus,zabbix for monitoring.

Configure aks, vm visiting policy, vip, to publish new feature via terraform to ali RDS/OSS/dnspod.

**2021.11 –2022.5 Daimler Mercedes Bens Finance Co., LTD, Beijing China, SRE DevOps senior**

Details:

Setup Kubernetes clusters in new environment include master/node, kubelet,kubeproxy,etcd,ingress,calico. Storage part contains pv/pvc/storageclass for NFS.separate Configmap/secret for statefulset.

Support Trouble Shooting for full stack Application Developing.

Optimize CICD pipeline scripts in Jenkins, includes maintaining Jenkins Share Lib.

IDC migrating and Fail Over, which includes VMs for Apps, DBs, Storage such as NFS and NAS, other Middleware Components.

Give Solution for Application Recovering & Disaster Recovering, DB Backups.

in CI phase compiling and packaging into Docker Image, contains FE Vue Coding via webpack and npm, Nuget for dotnet and Maven for Java Code. CD to download docker images from harbor and deploy them to VMs.

Also include download maven jar or zip packages from Nexus Server to Windows VMs.

**2019.10 – 2021.11 Volkswagen Finance Co., LTD, Beijing China, full stack developer senior**

Coding restful/soap API, both java/C# involved. Refactoring code from wcf to .netcore restful api. Responsible for nexus migration, change organization jar package in pom.xml, Build jar/war packages using maven/nexus/Jenkins pipeline scirpts. Configure tomcat/redis/nginx/keystore/https CA certificates. Coding testcase using mstest/postman/newman/jmeter and give out report.   
Coding and configure ETL package for data extraction. coding for a small project via Angular 9, React as frontend.

Using elk as log system. Publish jar/netcore package to linux/windows server. Get to know AWS cloud.

package it using npm and webpack, debug with Nodejs.

Design Automation Test structure using specflow/cucumber in backend, Robot Framework in frontend. D

cooperate with ansible playbook, terraform and yaml file.

Cleaning data in Azure SqlServer Database and Azure Blob Storage. Configure micro-service in Cloud in one cluster.

**2017.05 - 2019.10 Tiens co., LTD, Tianjin China, application developer**

Developing for the websites as the sales system to selling their own health care products, techiques used is web form, html, oracle&sql developer. the RestAPI I coded is based on .net core 2.0, and dependency injection on Autofac. DB config in Apollo. we user jeckins to publish the new version.

I responsible for writing page, backend logic for getting data with C# using webform, Coding API within .netCore(C#) and spring boot +spring cloud(java), writing store procs in sql server/Oracle/mySql. Spelling Sql Scripts dynamically.  
techniques include:

C#: .netcore/.netFramework/asp.net, http/soap/wsdl and web services, original js / JQuery, Kendo UI, Jenkins/Apollo/xml/Json, IIS.

Java: spring cloud/spring boot, tomcat, nginx, mysql/oracle, micro service.

**2013.10-2017.03 Beisen Technology co., LTD, Beijing, China, .net software developer**

Develop restful web api for ajax request .debuging for them with test case and web browser.  
Providing services via developing ESB components to get data from services. Configuring and deploying the APIs and services to the onside environment .

techniques:..net, MVC, JavaScript, ExtJS framework, JavaScript, MVC，EasyUI plug-in, ExtJS, Linq to SQL, jQuery, html, CSS, JSON,resharper

code-refactoring to give out clear mind and simplify the logic.  
Optimizing the code of data exchange in queue or asynchronous services

**Education:**

**Information of EDUCATION AT UNIVERSITY:**

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| Title of Qualification | Bachelor of Science |
| Major | Computer Science and Technology |
| Department | School of Control and Computer Technology |
| University Name | North China Electric Power University, Beijing ,P. R. China , 211 Project university |
| University System | Sep 2009 - Jun 2013 |
| GPA | Top 14% out of all the same major students in the class  GPA : 83.78/100  GPA of only main courses: 87.33 (not include Chinese characteristic, physical and College English Course) |
| HONOR & AWARDS | NCEPU Scholarship 2009-2010 Third Prize  NCEPU Scholarship 2010-2011 Learning Progress Award  NCEPU Scholarship 2011-2012 Second Prize |
| transcript | Web Technology and Applications(Dreamweaver) 80  advanced mathematics 90  Algorithm and Data Structure(C) 94  Programming in VC++ 78  linear algebra 83  university physics 90  Discrete Mathematics 92  Object-Oriented Programming (Java) 92  Assembly Language 92  Compiling Techniques 88  Principle of Computer Organization 83  Principles of Database(SQL) 78  Computer Graphics 73  Virtual Reality 95  Computer Architecture 92  Technique of interface and communication 92  Oracle Database System Application 96  Photoshop 94  Computer Network and In Security 86  digital circuit 89  artificial circuit 80  Fundamental Theory of Circuit 90  Operating Systems 92 |