Kunal Malhotra

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knrmalhotra.com | GitHub | Stackoverflow

EXPERIENCE

N26

Site Reliability Engineer - Connectivity Team | Dec'21-Present

- Responsible for the development, implementation and maintenance of the company-wide networking platform such site-to-site VPN's with our partners, client-to-site VPN's for all the internal employees, creation and securing of all networking components (VPC, load balancers, DNS Server/Service management, Certificate and secret Management) etc.
- Implemented service mesh based on Istio Service mesh across company-wide heterogeneous infrastructure (Kubernetes, Virtual Machines (EC2 machines)) etc.
- Automating the deployment and maintenance of platform services using CI/CD, Infrastructure as code.
- Providing support during incident and participating in the postmortem.
- Providing support improve the developer productivity and making sure they don't need to worry about resiliency, circuit breaking, security will building and deploying applications.

IBM

Cloud Platform Engineer - Cloud Platform | Oct'18-Nov'21.

- Responsible for driving all cloud-native project development requirements to completion including the entire project development lifecycle.
- Delivered successful pilots and projects for several client across industries included regulated industries.
- Co-authored "Client Reference Architecture Playbook", an IBM Academy of Technology initiative, used globally by our clients to set their cloud native architecture strategy.
- Created and delivered enablement content on cloud native technologies including Docker, OpenShift, Kubernetes, Istio, Tekton, Terraform and IBM Cloud Services to enterprise clients and IBM teams.
- Evangelised IBM Cloud by working directly with IBM's early adopter program including client success with Kubernetes, OpenShift and virtual private cloud.
- Led the IBM MEA technical sales team in progressing opportunities and demonstrating the value of IBM Cloud.

Cloud Advocate And Developer | Sept '17-Sept '18

- Delivered an MVP (first stage) for a government project as a front-end developer that produced a sound foundation for the project.
- Designed and developed a proof of concept based on automating insurance claims via blockchain for a government client. The client selected the PoC and as an outcome the PoC was showcased at Arab Health Conference 2018.
- Developed a skills-based search engine using cloud-native technologies that connected tech seller with the optimal skill set for client engagements.
- Increased IBM Cloud Services (IBM Kubernetes services, cloud databases, Watson services and DevOps) skills for architects and technical sellers by developing a platform to share knowledge and hands-on experience. The main focus was sharing best practices, demos and technical collateral across IBM Cloud teams.
- Trained 100+ developers using IBM Cloud Technologies by producing training materials and conducting workshops with hands-on labs.

Startup Elves

Software Developer Intern | July'17-Aug'17

- Developed an android based application (BeeHealthy) using technologies such as OpenCV, Google Mobile Vision API and Firebase.

Prof BankU

Software Developer | June'15-June'17
- Led the development of an android application that helped students prepare for government exams in India.
- The application was downloaded by over 100 students after the initial launch.

Innovation i360

Software Developer Intern | March'15-May'15
- Developed HTML5, CSS3 and PHP application for Innovation i360 teams.
- Created a new database architecture for the website www.turn8.co.
- Designed and developed a website known as www.devlab.com.

EDUCATION

Birla Institute Of Technology And Science, Pilani - Dubai Campus

Bachelors Of Engineering (Honours) in Computer Science | Class Of' 18

Bachelor Thesis
Large Scale Sentiment Analysis Using Apache Spark
Prof. V Santosh Kumar | Feb'18-May'18
- Built a framework for large scale sentiment analysis capable of handling hundred of nodes using Apache Spark, Apache Kafka, MLlib2, Pandas, Matplotlib, Python.
- Implemented the famous bag of words algorithm from scratch.

SKILLS

RedHat Openshift, Kubernetes, Knative, Docker, Istio, Helm, Tekton, Terraform, Java,, Python[Flask, Pandas, Keras, Scikit-Learn], GoLang, Vanila JavaScript, Git, ELK Stack, Datadog, AWS Cloud Platform, Strongswan, Istio, Github Action and Argo CD.

CERTIFICATIONS

Name	Issuing Organization
Certified Kubernetes Applications Developer	The Linux Foundation
IBM Certified Application Developer - Cloud Platform V2	IBM
RedHat Certified Specialist in OpenShift Administration	Linux Academy
IBM Architectural Thinking	IBM

AWARDS

- Awarded as Rookie Of The Year for technical achievements at IBM's Annuals Recognition event in Spain.
- Won Runner-Up Prize at Junction 2018 (Europes Biggest Hackathon) in Finland.
- Won 2nd Prize (Best use of data) at Dubai Happiness Tech Sprint 2018 organized by Startupbootcamp and SAP.
- Presented Paccked (Startup) at IATA International Business Travel Submit 2017 at Geneva, Switzerland.
- Won the Developer Prize Award and Emirates Special Award for Best API usage at IATA NDC Hackathon held in Dubai.
- Won the Bronze Medal at the Ministry of Finance Smart Cities Hackathon held in Dubai.
- Received 1st place in CodeJam 2016 organized by Oracle at Middlesex University Dubai.
- Received 3rd place in Visa Digital Payment Hackathon 2016 held in Dubai.
- Won 3rd Prize and incubation at Hamdan Innovation Incubator at Hacka{MENA} Hackathon held in Dubai.
- Received 2nd place in IoTX Hackathon 2015 organized by Government Of Dubai.