Mohan Prasath S

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SNAPSHOT

- Good exposure in web application development and networking.
- Developed various business critical products like Cisco Support Tools , WebNMS and ZohoDesk
- Exposure to various web application frameworks
- Skills summary [ReactJS , Golang , Java , Javascript]

WORK EXPERIENCE

- Software developer in Zoho corporation – May 2015 to Sept 2016
    - o Developer on WebNMS project – a network monitoring system
    - o Developer on ZohoDesk project – a SaaS based help desk product
- Cloud Engineer in Wanclouds (Cisco Systems) – Sept 2016 to Present
    - o Developer on Cisco Support Tools project – Set of tools to manage Cisco Cloud
    - o Developer on Metacloud project – an OpenStack based tool.
    - o Developer of Analytics in Netorc – An network orchestration tool

EDUCATION QUALIFICATION

- B.Tech in Information Technology Sona College of Technology (2011-2015),   Salem - **80%** aggregate.
- Higher Secondary in TMHNUMHSS, Theni - **92%** aggregate.
- Matriculation in TMHNUMHSS, Theni - **84%** aggregate.

SKILLS

- Languages   : C, C++, Java , JavaScript , HTML ,CSS , Node.js ,PHP and JSP
- Web Technologies   : ReactJS , Redux , Jquery , Webpack , ES6 ,EmberJS , BootStrap.js, Charts.js , D3.js , Struts and Tiles
- Database technologies   : MySQL , PostgreSQL, MongoDB
- Networking Technologies   : SMTP , HTTP ,FTP ,OSPF , ISIS , MPLS ,ICMP and EIGRP

AREA OF INTEREST

Cloud computing, Web application development, Open source, Linux, Programming and Scripting

PERSONAL SKILLS

Comprehensive problem solving abilities, excellent verbal and written communication skills, good fluency in English, ability to deal with people diplomatically, willingness to learn, team facilitator, hard worker.

CERTIFICATIONS AND COURSES

- Certification on "MongoDB for developers" from MongoDB University
    - License 29994911117148e2ae1a87b94c237d4f

- Certification on "Java Programming" from Hong Kong University (EDx)
  - License https://verify.edx.org/cert/a8bc9cf016b845858d6544d9671e2e79

- Advanced ReactJS in Pluralsight
  - URL - https://goo.gl/W8Q3Me
  - Github - https://github.com/mohanprasaths/Advanced-ReactJS
- Working with Graph algorithms in Python
  - URL - https://goo.gl/W8Q3Me
  - Github - https://github.com/mohanprasaths/DataStructures
- The Go Programming language with concurrency and multithreading
  - URL - https://goo.gl/W8Q3Me
  - Github - https://github.com/mohanprasaths/Go-Train-ME
- Python – Beyond basics
  - URL - https://goo.gl/W8Q3Me
  - Github - https://github.com/mohanprasaths/Python-Beyond_Basics

PROJECTS

Project # 1: Cisco Infrastructure Services – Wanclouds @Cisco [PHP,JS,SNMP, Prometheus]   Sept 2016- Present

Set of Tools to manage Cisco Cloud Infrastructure and deploy applications in Cisco Cloud
- ➢ Developed a tool "Disaster Recovery" to deploy application on the Cisco Cloud and automatic disaster Management and load balancing.
- ➢ Developed a tool "Tenant Entitlement Tool" used by Customers to check their cloud application status.
- ➢ Developed a Network Orchestration tool "Netroc" to facilitate VPN automation and network device monitoring through SNMP and Prometheus .

Project # 2: Netorc - NAgent – Wanclouds @Cisco [ReactJS,JS,SNMP, Prometheus,Golang]   Sept 2016- Present

An agent application to monitor devices in private internet and manage them through Netorc central controller
- ➢ Developed Netorc agent to monitor and manage devices in behind internet scenario (private internet).

Project # 3: WebNMS – Zoho [Java , JSP , JavaScript , Jquery , Chart.js , D3.js , Bootstrap]   May 2015 - April 2016

A Network Management System framework for developing NMS applications seamlessly.
- ➢ Involved in Discovery Module and Troubleshooting module
- ➢ Developed UI for report generation and Router Management.
- ➢ Gained good experience in Network monitoring and learnt about networking concepts.

Project # 4: ZohoDesk – Zoho [React.js, Java, JavaScript,Jquery, Struts , Bootstrap]   April 2016- Sept 2016

A Help desk cloud Product developed for high scalable uses
- ➢ Developed live chat support using few other zoho products (ZohoChat and salesIQ)

Project # 5: Instant Servers (Final Year Project) [Docker , MongoDB, PHP]   May 2014 - May 2015

- ➢ Developed a simple on-demand server provisioning tool. The tool provides a self-service portal for the users where the user can launch the services required.

Project # 6: MakeWay – (PreFinal Year Project) [Android , Java]   May 2013 – May 2014

- ➢ Ambulance can't reach the patients in time because the traffic is growing exponentially. The driver locate a hospital in his digital device the shortest path will be identified and the signals in the path will be turned to green "+"(emergency symbol).

Open source contributions:

Resume Builder : An automation project for creating resume/website using Linkedin sign in and Linkedin data [React.js , Node.js]
➢ Parent site for creating resume is http://realevents.herokuapp.com/
➢ Sample resume after providing details will be http://mytale.herokuapp.com/mohanprasaths

Docker UI : An UI for maintaining and monitoring Docker swarm containers [React.js , Node.js]
➢ Dashboard and Containers view are completed for now . Working on the other features.(https://github.com/mohanprasaths/DockerUI)

Prometheus : Monitoring and alerting through time series database [Go]
➢ Identified set of bugs and fixed them (https://github.com/prometheus/snmp_exporter/pull/119)
➢ Developed a feature of storing hex strings in the Prometheus Time series Database

ACHIEVEMENTS AND ACTIVITIES

➢ Awarded the "**BEST OUTGOING STUDENT OF THE YEAR 2011-2015**" by Sona College of technology
➢ Awarded the "**BEST PERFORMER OF THE YEAR 2013-2014**" by Sona College of technology .
➢ Awarded "**SPECIAL ACHIEVEMENT AWARD**" by Sona College of technology on 2013.
➢ Awarded the "**BEST PERFORMER in CO-CURRICULAR 2014-2015**" by Sona College of technology .
➢ Awarded the "**BEST PERFORMER in CO-CURRICULAR 2013-2014**" by Sona College of technology .
➢ Won**1st prize** in a Project presentation at "Verve'13" Conducted by SCT,Salem on 9th October 2013.
➢ Won **1stprize** in a Project presentation at "Ignite 13" Conducted by Anna University on 11th October 2013.
➢ Won**3rd prize** in a Project presentation at "Verve'14" Conducted by SCT,Salem on 9th October 2014.
➢ Won**1st prize** in bug busters Conducted by SCT, Salem on 8th October 2014.
➢ Presented a paper titled **"Cloud Computing" i**n a Paper Presentation Contest of National Level Technical Symposium "Spring Fest 2k13" organized by KSR college of institute and technology,9th October 2013. **Won 1st prize.**
➢ Got **2nd prize** in "JUST A MINUTE" conducted by NSS NEST'12, Salem.
➢ Entered as a **finalist** in National Level **Code Developing** Contest at Anokha 2014.
➢ Scored Incubation at Indian Institute of Technology Madras for Innovative Ideas

PERSONAL PROFILE

Name	:	Mohan Prasath S
Marital status	:	Single
Date of Birth	:	30, April 1994
Nationality	:	Indian
Hobbies	:	Meetups, Sports ,Yoga, Karate