

## THANG V TRAN

Address: 5551 Val Verde Ct, Grand Prairie, TX

Phone #: 682-3658213

Email: [thang.tran65@t-mobile.com](mailto:thang.tran65@t-mobile.com)

### FUNCTIONAL SKILL

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- Programming language: Python, JavaScript, Java, Bash Script
- Web Development: HTML/CSS, Nodejs, Django, React JS, Angular
- Dev-Ops tools: Docker, Kubernetes, Ansible, Elasticsearch Stack, Git
- DBMS: SQL (Oracle, MySQL, PostgreSQL) and NoSQL (MongoDB)
- OSS Application: Nokia NetAct, Ericsson ENM

### PROJECTS

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- **NTAC RAN OSS Slack Bot**  
An automation tool interacts with users via conversation to provide self-check guidance and procedure
- **Fault Management REST API**  
Provide REST API that help user can check FM data flow in T-Mobile Network
- **NBI Post Check Automated**  
Provide to user a GUI webpage to perform multiple NBI post check and system verification
- **LTE Cell Trace Decoder**  
Collaborate cross-functional team to build a WEB GUI for LTE cell trace
- **Nokia NetAct Password Change Tool**  
Provide to user a centralize GUI webpage to perform password change over 20 OSS systems  
Number of user interaction ~ 10,000, help avoiding over 3000 Pier Trouble Ticket for NOC 1.5 team
- **Password Expiry Notification**  
Support Nokia NetAct users to keep track of their status account to avoid expiry and send the email notification  
Language: Python
- **ATS OCSE Dashboard**  
Provide to OSS users a GUI webpage to review multiple documents of OSS system

### EDUCATION

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- Master of Software Engineer at Colorado Technical University (GPA 4.0)
- Bachelor of Science in Computer Science at University of Texas in Arlington (Summa Cum Laude GPA:3.95)
- Bachelor of information technology at University of Science and Technology, Vietnam, 2006

### EMPLOYMENT

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- **SR Engineer Technical Support at T-Mobile** **Feb 2021 – Present**  
System administrator  
Development/improvement/maintenance of scripts, tools, and automation  
Develops and delivers training programs and supports documentation to other teams and departments on new operation, maintenance and troubleshooting procedures
- **System Reliability Engineer (Network Supply Chain Domain)** **May 2020 – Feb 2021**  
Design, deliver and maintain a technology landscape around the WMS platform that is reliable, scalable, secure, controlled, and monitored. Creates, manages, and uses dashboard for continuous monitoring and health check of WMS and related applications, and the underlying infrastructure
- **Operation Technical Support Engineer at T-Mobile** **May 2018 – May 2020**  
Support management functions FCAP  
Resolves technical issues that cannot be resolved through normal operations and maintenance procedures
- **Internship Program at T-Mobile** **May 2017 – May 2018**  
Provides technical guidance to junior Tier2 Engineers  
Fault-detection and trouble-isolation using OSS tools Learn the fundamentals of the OSS
- **Lead Engineer at FPT Telecom** **Sep 2009 – May 2011**  
Provide ADSL, FTTH Internet Services.  
Set up, configuration DSLAM, Switch and Server connect to National Optical Fiber Network.