

Dinesh Prasanth Moluguwan Krishnamoorthy

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Education

Master of Computer Science, North Carolina State University, USA
CGPA: 3.93/4.0

Aug 2016 – May 2018

Bachelor of Technology in Information Technology, Anna University, India
CGPA: 9.37/10 (Rank 1 – “Overall Best Student in Academic Performance” award of IT department)

2010 – 2014

Skills

Languages: Kotlin, Java, Python

Certifications: RedHat Certified System Admin, RedHat Certified Specialist in Identity Management (190-013-953)

Tools: Git, Jenkins, Ansible, Travis CI

Platforms: Linux, Android, Containers

Experience

Member of Technical Staff, eBay, San Jose, CA, USA

Oct 2020 – Present

- Design and develop new Android Features for the official eBay Android Application, especially on Item Listing
- Deliver world-class and well-tested features using latest frameworks like Jetpack Compose, Dagger

Software Engineer, Red Hat, Raleigh, USA

July 2018 – Oct 2020

- Act as the **development team lead** to groom, prioritize and deliver features/bug fixes for the Dogtag PKI project
- Design and develop tools for Dogtag open-source project, including but not limited to X.509 digital certificates and Public Key Infrastructure (PKI)
- Draft and review design documents for Continuous integration (CI) pipelines and new functionalities
- Involve in bug fixing and backporting of Common Vulnerabilities and Exposures (CVEs) across various Red Hat Certificate System (RHCS) versions
- Build and release Dogtag product on both Fedora and Red Hat Enterprise Linux platforms

Security and Identity Engineering Intern, Red Hat, Raleigh, USA

May 2017 – May 2018

- Developed a CI infrastructure for Dogtag PKI; Reduced overall job time by around 40% by containerizing different tasks on **Travis CI** using **Docker**
- Designed and implemented a bot to review 20+ patches submitted per day to **Gerrithub**; Created a pipeline infrastructure between **Jenkins** and **Travis CI** to ease the patch verification process
- Designed and developed a new **Python** CLI tool to help system administrators renew system certificates for Red Hat Identity Management using **certutil** and **OpenSSL** tools

Software Engineering Analyst, Accenture Services, Chennai, India

Sept 2014 – May 2016

- Increased product delivery for the client by analysing the workflow and addressing issues faced by different teams by being a part of **High-Performance Delivery Platform team**
- Worked on developing a customer portal for a major client in the manufacturing industry with 100,000+ users to manage their products and services using JavaScript, Bootstrap and Java

Significant Projects

Retina – MLH Hackathon Winner [<http://tiny.cc/hacknc18-winner>]

- Designed an *Android* app using *TensorFlow* and *Google Vision API* that acts as an eye for the visually impaired
- Won **3rd place out of 61 teams** in “Hack NC 2017” hackathon organized by MLH

Dynamic Calendar Android Library [<http://tiny.cc/dynamic-calendar>]

- Programmed a fully flexible *Android Open Source library* and a sample app to generate customized calendar icon based on the developer’s requirement. Artifact is published in Maven Central Repository

Professional Awards

- **Eight** peer-nominated awards for support offered to others, within and outside the team
- Received the **FY19 Platform Reward** for contributions made to the Red Hat Enterprise Linux platform