

RAKSHITA KAULGUD RAMESH

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EDUCATION

UNIVERSITY OF VIRGINIA, Graduate School of Engineering and Applied Sciences **Charlottesville, VA**
Masters in Computer Science, Concentration: Cloud Computing and Data Science **Dec 2020**

GPA: 4.0; Research Assistant (Darden School of Business), Teaching Assistant (Cloud Computing);
2019-2020 Department of CS Academic Excellence Fellowship

BMS COLLEGE OF ENGINEERING **Bengaluru, India**
Bachelor of Engineering in Information Science and Engineering **Aug 2016**

First Class with Distinction; GPA: 9.05/10; Youth Services Coordinator, Rotaract Club

SKILLS

- **Languages:** Java, Python, C#, SQL
- **Frameworks:** .Net Framework, Flask, Python Django, Spring Boot
- **Others:** Docker, Microservices Architecture, AWS, REST, MySQL, Node.js, Angular

WORK EXPERIENCE

VMWARE INC | Virginia, United States

Intern - Cloud Software Engineer **May 2020 - Aug 2020**

- Built a tool that connects, monitors and automates troubleshooting workflows of the network and security virtualization platform, NSX-T. Developed backend using Python Flask framework, Docker & RethinkDB, and integrated with the frontend built using Angular.

NETAPP INDIA PVT LTD | Bengaluru, India

Member of Technical Staff (Software Developer) **Aug 2016 - Aug 2019**

- **SnapCenter Plugin for SAP HANA:** Developed SnapCenter Plugin for SAP HANA in Java to auto-discover SAP HANA instances running on a plugin host. Enhanced user experience by reducing the required protection workflow steps by 33%.
- **Netapp Data Availability Service (NDAS) App Store:** Collaborated with a team of 4 to design an app store for NDAS with an inbuilt app to detect and tag Personally Identifiable information for files backed up on AWS S3 buckets. The plug and play nature of the App store enabled users to deploy their own pluggable analytical applications.
- **SnapCenter Actionable Errors:** Led a team of 3 to build a message engine framework that enabled SnapCenter developers to plug in actionable error messages into workflows. Designed the product to ensure that developers are agnostic to the nuances needed to build a standard error block.

PROJECTS

NK MODEL PLAYGROUND **Jan 2020 - present**

- Gained alignment and built a playground interface for NK Model, an economic model simulating competition between firms in an industry. This application was built using Python Django framework and hosted on AWS EC2 instances.

HOUSING HUB **Mar 2020 - present**

- Coordinated with a team of 4 to build an application to aid credentialed housing navigators in helping people with limited income find affordable housing. This application was built using React and Python Flask framework.

ANALYSIS OF SMART BUILDING DATA **Sep 2019 - Dec 2019**

- Led team of 3 to collect, clean up, annotate, and unify data from various smart buildings within University of Virginia. Ideated and executed multiple algorithms to find correlations between features, predict sensor settings, and determine patterns

ACTIVITIES AND LEADERSHIP EXPERIENCES

• **AWS Educate Student Ambassador** **May 2020 - present**

• **Volunteer Software Developer at Code for Charlottesville** **Mar 2020 - present**

• **Young Leaders for Active Citizenship:** Led a team of 5 to develop a policy brief for a sitting member of Indian Parliament. **Feb 2017 - Mar 2017**

• **President, NetApp Toastmasters Club:** Established development agenda, assigned cabinet stakeholders, set monthly milestones. Increased membership by 80% and won coveted Golden Gavel award (<2% of clubs). **Jan 2017 - Jul 2017**