

Divya Ramesha

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SUMMARY

A highly motivated and organized professional with over 3 years of experience in a fast-paced start-up environment. Skilled in Java, Python, AWS and Full-Stack Product Development.

EDUCATION

- **University of Southern California** *Los Angeles, CA*
Master of Science in Computer Science; GPA: 3.55/4
Aug 2018 - May 2020
- **BMS College of Engineering** *Bengaluru, India*
Bachelor of Engineering in Computer Science; GPA: 9.56/10
Aug 2011 - Jul 2015

EXPERIENCE

- **Saviynt** *Los Angeles, CA*
Software Engineering Intern
Jan 2020 - Present
 - Developing core services to enhance Cloud Security and Identity Governance Solutions and provide analytics for it.
 - As part of my responsibilities I work to fix mission-critical bugs and vulnerability in code that can directly or indirectly influence business interests.
- **ServiceNow** *San Diego, CA*
Software Engineering Intern
May 2019 - Aug 2019
 - Worked on the development of on-demand Platform as a Service using Docker, delivering ServiceNow BMD2 operating systems as containerized microservices.
 - Implemented LDAP authentication & deployed on production level Apache WSGI server to support scaling.
- **University of Southern California** *Los Angeles, CA*
Graduate Teaching Assistant - Software Design and Optimization
Jan 2019 - Apr 2019
 - Helped Professor in preparing course material & grading. Held Office hours and clarified student doubts.
- **Sprinklr** *Bengaluru, India*
Senior Software Engineer
Jul 2015 - Jul 2018
 - Mentored 6 hires in the development of skills and technologies required and oversaw their progress.
 - Architected Sprinklr secret storage system using HashiCorp Vault and Consul to accomplish key management across 5000+ servers in a secure, limited and audited manner.
 - Designed and Developed more than 10 modules in an internal web application with innovative, highly performant features helping reduce operational costs by 20%.
 - Developed a web portal to monitor all critical changes taking place across 5000+ servers in real-time.
 - Implemented a Cost Dashboard to give granular details of cost allocation for 1400+ Sprinklr partners worldwide.
 - Maximized Support team throughput by integrating JIRA and Zendesk in a single web portal with over 20 features to perform all required tasks.

TECHNICAL SKILLS

- **Databases:** MySQL, MongoDB, Elasticsearch, PostgreSQL
- **Web Languages:** JavaScript, jQuery, HTML5, CSS, Node.js, AngularJS
- **Languages:** Java (Spring), Python (Flask), Perl, Bash/Shell Script, C, C++, C#, PHP, Spark, Ansible
- **Others:** AWS, Azure, Jenkins, Maven, Git, Docker, Kafka, Apache, Sensu, Graylog, HashiCorp Vault, Consul

PROJECTS

- **Recommendation System:** Built an Item-Based Collaborative Filtering Recommendation System using Locality Sensitive Hashing with Jaccard Similarity. Predicted 145450 movie ratings with 0.99 RMSE on test data. (Dec '19)
- **Image-Based Online Search:** Collaborated with a team of 3 and created an application to process a product image and search websites to retrieve relevant results using progressive retrieval strategy with an accuracy of 91.2%. (Jul '15)

ACHIEVEMENTS

- Awarded *Employee of the year - 2016*, Technology Operations Team, Sprinklr.
- Won best-designed project award in 36-hour Sprinklr Hackathon, December 2016.
- Published *Literature Review of Image-Based Online Product Search* in IJSETR, Vol 4, Issue 7, July 2015.
- Recognized as *Oracle Certified Professional, Java Programmer* by Oracle in 2013.