

# VENKAT RAMSHESH (LinkedIn)

## WORK HISTORY

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### Community Lead and Engineer, 8/2023 – present

#### g/d/n/a

- Community Lead helping build g/d/n/a & local AWS community to foster an environment that promotes continuous learning, professional growth, and the exchange of ideas related to g/d/n/a & AWS in Charleston area. Write blogs, social media posts, gtm, organize meetups and educational events
- Member of cloud infrastructure team at [Querri](#) a Charleston based tech startup that uses Gen AI to solve data problems
- Developing and building infrastructure to deploy applications on AWS for g/d/n/a & Querri involving Kubernetes, EC2 instances, docker containers, CI/CD pipelines and organizations.
- Active member of Charleston tech community, participant and volunteer in Charleston based hackathons, developed webpage for [Charleston hacks](#)

### Field Engineer, 05/2022 – 8/2023

#### United States Citizenship and Immigration Services (USCIS)

- Installed and supported laptops, workstations, printers, and AV equipment, ensuring minimal downtime.
- Conducted system software updates, hardware fixes, and vulnerability fixes.
- Performed imaging of computers, maintained system servers and switches.
- Gained proficiency in AWS, Python, Linux, Shell scripting, HTML/CSS (front-end), and Flask (back-end) programming. Certified in AWS Solutions Architect Associate, Certified Cloud Practitioner, Machine Learning Specialization from the University of Washington/Coursera and COMPTIA+
- Interned with g/d/n/a: global digital needs agency that excels at designing, building, and managing integrated solutions that are secure, resilient, and scalable. Member of cloud infrastructure team at Querri a Charleston based tech startup.
- Implemented python projects using various libraries like Flask, Requests, Pandas, Matplotlib, NumPy, Boto3, Turicreate, Seaborn.
- Code for few projects: <https://github.com/Venkatramshesh>, personal website and blogs at (<https://vramsheshpersonalblog.com>)
- Participated in hackathons, tech meetups in the Charleston area. Winner of Charleston Generative AI Hack ([ReSaleWriter.AI](#)) which takes images of pieces of clothing and creates descriptors about the piece. Working on a startup based on this idea.

### Field Engineer II, 11/2020 - 05/2021


#### Cytek Biosciences

- Installed and supported Aurora flow cytometer in a timely manner.
- Conducted regular system preventative and update visits.
- Identified potential system issues and provided solutions.

### Field Engineer II, 01/2015 - 11/2020

#### GE Healthcare Lifesciences/Cytiva

- Installed and supported GE OMX super-resolution microscopes across multiple continents.
- Conducted yearly PM and hardware/software updates, and provided customer training.
- Troubleshooting and fixing system issues on-site and remotely

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 vramsheshpersonalblog.com

## PROFESSIONAL SUMMARY

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Motivated Biomedical Engineer with substantial experience in IT, cloud computing, and Python programming. Adept in utilizing AWS, machine learning, security, and DevOps principles. Proven ability to work in fast-paced environments and effectively troubleshoot and resolve system issues. Skilled in installation, training, and system testing, backed by a solid academic foundation in Biomedical Engineering.

## PROGRAMMING SKILLS

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Python, Matlab, C, Image J, HTML/CSS  
Versed in Windows and Linux OS

## EDUCATION

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**Ph.D.**, Biomedical Engineering, 2008  
University of North Carolina - Chapel Hill

**M.S**, Biomedical Engineering, 2002  
University of North Carolina - Chapel Hill

**B.E**, Instrumentation Engineering, 1999  
Mumbai University - Mumbai

## PROFFESIONAL ACTIVITIES

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AWS Community Builder

## EXTRACURRICULAR ACTIVITIES

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Member of UNC squash team  
Recreational salsa dancer

**Research Instructor/Facility Manager, 12/2007 - 12/2014**  
**Medical University of South Carolina**

- Provide bioengineering and managerial support for the successful day to day working of the Advanced Imaging Core that included eight confocal, multiphoton & fluorescence microscopes and image processing workstations
- Instructed users on microscopy/imaging usage and projects, consulted on projects involving use of light microscopy techniques within and outside the university
- Organizer and instructor for the Charleston Light Microscopy Workshop for the Biosciences (2008-2014)