# Venkatram Chatla

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## TECHNICAL SKILLS

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| Software/COTS/Cloud: | AWS, Azure, Terraform, Docker, Kubernetes, Sensu monitoring systems, Oracle VM, VMware ESXi, Veeam, ServiceNow Administration, ServiceNow CMDB |
| Programming Languages: | Python, Java, C#, .Net Framework, HTML, CSS, JavaScript, JSON, Unix/Linux shell scripting, Windows PowerShell |
| SDLC Frameworks: | Agile, Scrum, Kanban, DevOps, Waterfall |
| Tools: | Jira migration, Azure Active Directory, Domain Controllers, Terraform, Ansible, Splunk, DNS, SMTP, DHCP, ITSM, ITAM, ITIL, FTP Services, REST / SOAP API |
| Office Tools: | Visio, Projects, SharePoint, Excel, PowerPoint, Word |
| Databases: | Oracle Database 12c/19c, PostgreSQL, MySQL, DB2, MongoDB, SQL Server 2019/2022 |
| Network Tools: | Bitdefender, Fortinet, Datadog, Cisco Packet Tracer, WireShark |
| Operating Systems/Tools: | Red Hat / Oracle Linux, Windows Server 2019/2022. MacOS |

## EDUCATION

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|---|---|
| Master of Science, Cybersecurity Technology – UMGC | Earned May 2025 |
| Bachelor of Science, Information Technology – Towson University | Earned December 2020 |

## CERTIFICATIONS AND CLEARANCE

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| Security+ 701 – CompTIA | Earned 2024 |
| Certified AWS Solutions Architect Associate – Amazon | Earned 2022 |
| Certified AWS Cloud Practitioner – Amazon | Earned 2020 |
| AZ-900 Certified Azure Fundamentals – Microsoft | Earned 2021 |
| ICAgile Certified Professional – ICAgile | Earned 2021 |
| Secret Clearance – TDI Technologies | Earned 2024 |
| Public Trust Clearance – Social Security Administration | Earned 2019 |

**PROFESSIONAL EXPERIENCE**

*Cloud Software Engineer* – TDI Technologies                      November 2024 – Present
- Support development and engineering efforts for cloud-based applications used in naval ship equipment monitoring and system health assessment, both on ship and ashore.
- Develop scalable tools for engineering analysis of large data sets to support operational optimization, predictive maintenance, and lifecycle management
- Design and maintain software solutions using GoLang, JavaScript, Vue.js, and AWS services for real-time data acquisition, batch processing, storage, and UI development
- Deploy and manage containerized applications using Kubernetes; create Helm charts and handle microservices communication with RabbitMQ
- Collaborate with cross-functional teams to integrate mechanical and electrical systems with maritime software solutions
- Perform diagnostics and root cause analysis to resolve system malfunctions; contribute to GUI/HMI design and implementation
- Maintain and version control codebases using Git; utilize JIRA for task tracking, requirements management, and bug resolution
- Author and maintain detailed technical documentation, support test planning, execution, and fielding
- Ensure secure data communications using TLS/SSL protocols; work with TCP/IP, UDP, unicast, broadcast, and multicast transmissions
- Contribute to Agile and Waterfall development cycles as required by project scope
- Support configuration control and release packaging for deployment in both Windows and Linux environments

*Cloud Administrator* – InVita Healthcare Technologies        November 2022 – December 2023
- Led multiple projects migrating on-premises databases to cloud platforms like Azure and AWS
- Employed Azure and AWS Database Migration Service for seamless data transfers
- Designed comprehensive migration roadmaps outlining phases such as planning, execution, validation, and post-migration
- Defined data migration objectives and success criteria in collaboration with stakeholders, ensuring alignment with business goals
- Executed end-to-end data migrations, ensuring data integrity and compliance with regulatory requirements
- Created AWS GovCloud accounts for healthcare vendors
- Administered Azure Active Directory and Office 365 with PowerShell, creating backups and managing user accounts and identity access

*Cloud Engineer* – GSA, Booz Allen Hamilton                      July 2021 –  June 2022
- Played a key role in migrating from ServiceNow to Jira, including Go-Live, Post-Migration support, and documentation of data, scripts, users, and groups
- Troubleshooted and triaged issues from Jira and ServiceNow incidents, escalating complex Tier 2+ issues to senior engineers

- Resolved issues in AWS related to RDS, S3, EC2, and CloudFormation, such as providing database credentials from stack properties
- Led touchpoints for government tenants, preparing notes and discussion points, and addressing blockers or tickets

*Cloud Delivery Intern* – CareFirst BlueCross BlueShield          September 2020 – February 2021
- Deployed servers and resources in EC2 using CloudFormation scripts and templates
- Deployed applications to production using Docker and Kubernetes
- Refined scripts to automate services, saving time and reducing operational costs for clients
- Developed dashboards and alerts in Datadog for consumption metrics and outages

*Software Developer Intern* – Leidos                              May 2019 – September 2019
- Created scripts to back up MySQL databases and automate user onboarding
- Configured and stood up Apache HTTP server, integrating PHP and MySQL
- Performed essential Linux administration tasks and configured SAMBA and FTP for file sharing
- Worked closely with team members during unit testing, using Java and C++ for data manipulation and system analysis