

**Professional Summary:**

- Proven ability to work collaboratively with cross-functional teams, ensuring the successful delivery of projects and research from conception to deployment.
- Professionally adept in logical understanding across both programming development and infrastructure setup, often showcases a comprehensive grasp of IT application systems design. Well-versed in the workings of general-purpose Web 2.0 and emerging Web 3.0 systems, demonstrating balanced expertise in the technical intricacies of modern web architectures and their underlying infrastructures with fundamentals of AI and ML.
- Proficient in Golang and Bash, and skilled in C++ and other robust low-level structured and procedural languages, focused on developing backend systems for both mainframes and multi-cloud environments. Expertise in efficiently translating complex business requirements into scalable and maintainable solutions. Demonstrated ability to collaborate effectively within cross-functional teams ensures successful project delivery from conception through to deployment
- Skilled in designing, and querying relational databases such as MySQL and PostgreSQL, and adept at integrating back-end logic with front-end technologies including HTML and JavaScript to create seamless user interfaces. Familiarity with GitHub Actions and maintaining compliant standards of DevSecOps principles for 12-factor/other applications.
- Experience in development of monitoring applications features on various platforms like ELK, Prometheus and Grafana.
- Committed in staying abreast of the latest industry trends, I bring a proactive approach to problem-solving, a passion for clean and maintainable code, and a dedication to delivering high-quality software solutions that meet and exceed client expectations.
- Proven track record in debugging suboptimal configurations across various engineering objects, working collaboratively with cross-functional teams including developers and operational admins. Demonstrated expertise in developing mitigation fixes, particularly in production environments

**Experience:**

- Working as **Site Reliability engineer** from September 2022
- Worked as an **Associate** with **Unisys** from July 2020 to March 2023.
- Worked as an **Intern** at **Jetking** from February 2019 to July 2020

**Educational Qualifications:**

- BE in Electronics and Communication from Acharya Institutes, Bengaluru, INDIA (6.17 CGPA)
- Senior Secondary/PU from Excellent PU College, Moodbidri, INDIA (89.6%)
- Secondary education in Sai Angels School, CBSE, Chikmagalur, INDIA (8.2 CGPA)

**Bootcamps and Internships :**

- **Online Post Graduation in Blockchain Application and Architecture** from IIT Kanpur
- Blockchain Development Bootcamp by Community
- Project Intern as Embedded Programmer and analyst at Bharat Electronics Limited
- Bootcamp on Fiber and RF based Internet technologies at Bharat Sanchar Nigam limited

**Technical Experience (Skill Set):**

<b>Programming Competency:</b>	Golang, bash, Embedded C, HCL, YAML, Python, C++, javascript, HTML, CSS
<b>Databases:</b>	PostgreSQL, MySQL, MongoDB, ClickHouse, couchDB, cassandra
<b>Technologies:</b>	REST, GraphQL, GIN, React, Docker, Terraform, kubernetes/openshift, Mainframes, Hybrid Cloud.
<b>Applications/systems</b>	Hyperledger Frameworks, Ethereum, Prometheus, Grafana, Control-M
<b>Operating Systems:</b>	Unix OS: RHEL, DEBIAN, CENTO, Mac OS X. Microsoft: Server 2012 and above, Exchange Server. CISCO IOS
<b>IDE and Collaboration</b>	VS Code, Jira, ServiceNow ITSM (Agile Method)
<b>Version Control and Configuration Management:</b>	GitHub, Gitlab, Bitbucket, Azure DevOps, Ansible
<b>Test &amp; Defect Management:</b>	Testify Golang Testing, manual testing
<b>DevOps Platform:</b>	GitHub actions, Jenkins, CI/CD Tektons, JFrog, AWS ECR.
<b>Soft Skills</b>	Positive attitude, Strong Work Ethics, Self-Confidence, Problem-Solving Skills, Good Communication

**Projects Experience:**

SL NO	Project Name	Client	Duration	Role
7	SIEM(Internal Monitoring Application)	AngelOne NOC & SOC	September 2022 to date	Site Reliability Engineer
6	Unisys cloud AI-Ops(VicRoads AI-Ops)	Australian Department of Transport (VicRoads)	September 2021 to June 2022	Solution Architect, System Admin & Automation Developer
5	Control-M Migration	Globe Life	March 2021 to June 2022	System automation engineer
4	AS400 Operations	Ryder	October 2020 to April 2021	System Engineer
3	Unisys OS2200 Operations	Digistics(Unisys Internal)	August 2020 to November 2021	System Engineer
2	Unisys MCP and Control-M Operations	Unisys Internal	June 2020 to June 2022	System Analyst
1	Education, Training and Assessment (ETA)	Jetking	February 2019 to June 2020	System Design and Implementation(Enterprise IT)

**Professional Experience with Project Assignments:**

Project# 7		Responsibilities:
Project	SIEM(Internal observability Application)	<ul style="list-style-type: none"> <li>Developed patches for terraform built internal SIEM application for monitoring and alerting in real time production operations.</li> <li>Developed Golang scripts to Extract user requests to load application configuration to SIEM database.</li> <li>Handled 50+ uniques issues in production system saving SRE error budget in exponentially growing traffic QoQ.</li> <li>Collaborated with the Network team in change managements to firewall configurations in cases of DC migrations to mitigate Application downtime.</li> <li>Contributed to performance engineering team in mitigating RHEL based outages in Hybrid cloud environment</li> <li>Authored comprehensive runbook for support operations in case storage issue and to mitigate performance issue due faulty code on AWS and Linux environments</li> <li>Implemented emergency automation for suboptimal configuration of charts to resolve broadcast issues with 1 Million+ traders during production hours.</li> </ul>
Duration	September 2023 to date	
Role & Description	<b>SRE &amp; Platform developer</b> <b>Core Competencies:</b> <ul style="list-style-type: none"> <li>Benchmarking of SIEM</li> <li>Maintaining cross-functional application and infrastructure</li> <li>Inventory management through Infra as Code</li> <li>Version Control</li> <li>Incident response and RCA implementation</li> </ul>	

Project# 6		Responsibilities:
Project	Unisys cloud AI-Ops(VicRoads AI-Ops)	<ul style="list-style-type: none"> <li>Developed bash job for releasing crashed OSD's on ceph storage nodes</li> <li>Developed and implemented ELK log lifecycle and backup strategies</li> <li>Authored design document of Unisys Cloud AI-Ops for training and operational readiness</li> <li>Developed standard change management protocol for Kubernetes managed minlo object storage</li> <li>Developed Azure DevOps branching strategies for shipping observability enhancements</li> <li>Developed Automations for Management information system</li> <li>Trained teams on cloud native operations on containerization and its orchestration</li> </ul>
Duration	Feb 2023 to May 2023	
Role	<b>System Admin &amp; Automation Developer</b> <b>Core Competencies:</b> <ul style="list-style-type: none"> <li>Kubernetes Admin</li> <li>Ceph storage Admin</li> <li>ELK Admin</li> <li>Azure DevOps Admin</li> <li>System and MIS automation</li> <li>Backup management</li> </ul>	

Project# 5		Responsibilities:
Project	Control-M Migration	<ul style="list-style-type: none"> <li>Collaborated with cross-functional teams on AWS VPC for application setup using various AWS resources</li> <li>Implemented job orchestration, and tested various data replication jobs</li> <li>Authored runbook books and design diagrams as training material and helps in incident management and production system management</li> <li>Collaborated with cross-functional teams for changes to Enhance Application performance on the infrastructure layer of AWS</li> </ul>
Duration	March 2021 to June 2022	
Role	<b>AWS Admin and Infrastructure architect</b> <b>Core Competencies:</b> <ul style="list-style-type: none"> <li>Setup AWS VPC for application requirements</li> <li>Control-m support and job orchestration and management for client</li> <li>Change management in AWS</li> </ul>	

Project# 2,3,4		Responsibilities:
Project	Operations(control-M, AS400, MCP, OS2200)	<ul style="list-style-type: none"> <li>Respond to client requests to handle ad-hoc job flow in control-M, Also handled change management in AWS and control-M execution environment.</li> <li>Manage daily and weekly backups on AS400 failsafe setup managing Tape libraries and its schedules.</li> <li>Handled job operations to Unisys A-Series MCP system on a daily and seasonal basis,co-headed hardware support operations in data centers for A-series and OS2200 Mainframe</li> <li>Handled deadlock incidents in File transfer utility for OS2200 build supply chain application</li> <li>Collaborate with cross-functional teams to ensure sanity of application job flows during deployments</li> </ul>
Duration	June 2020 to November 2021	
Role	<b>Operations Lead &amp; Systems Engineer</b> <b>Core Competencies:</b> <ul style="list-style-type: none"> <li>Monitor Job execution sequence</li> <li>Manual operations on Tape based on daily and weekly backup system</li> <li>Schedule jobs as per requirements</li> </ul>	

Project# 1		Responsibilities:
Project	Education, Training and Assessment	<ul style="list-style-type: none"> <li>Developed IoT-based autonomous greenhouse monitoring and control system</li> <li>Implemented fail-safe Network configuration for an enterprise use case in IPv4 routing with FLSM and VLSM.</li> <li>Implemented Microsoft 2012/16/19 server manager for enterprise administration, cluster management, storage management iSCSI, load balancers, VPN</li> <li>Implemented RHEL platform for user management, repository management, LVM storage and NFS &amp; SAMBA configurations</li> <li>Implemented enterprise use case of AWS VPC routing, service configurations like S3, RDS, EC2, and IAM management of security policies</li> <li>Implemented DNS, DHCP, Route 53, and AWS billing alarm system for an enterprise use case</li> <li>Implemented CEHv11 standards testing platform for an enterprise use case</li> <li>Developed Python automation scripts for SCCM automation</li> </ul>
Duration	February 2019 to June 2020	
Role	<b>Intern</b> <b>Core Competencies:</b> <ul style="list-style-type: none"> <li>RHEL platform setup for Enterprise operations</li> <li>Microsoft platform setup for Enterprise operations</li> <li>AWS platform setup for Enterprise operations</li> <li>CCNA Routing and switching</li> <li>ITIL, IOT and CEH setup for Enterprise operations</li> <li>Automation using Python and Powershell</li> </ul>	

#### Other Projects Roles and Responsibilities:

- Solely responsible for designing strategies to implement automated escalation procedures to cross-functional infra and cloud teams as a part of automated NOC operations.
- Solely responsible for engaging team and building work load automations for Unisys Cloud AI-OPS client

**NOTE:** References can be provided on request