AJAY B

Linkedin: linkedin.com/in/ajaysrinic/
GitHub: github.com/ajaysrinic/
Email: ajaybobbili7@gmail.com
Mobile: +91 9384106137

SKILLS SUMMARY

- **Languages** : Python, SQL, Bash Scripting, PowerShell
- **Tools** : GitHub Actions, Jenkins, SVN, Azure DevOps, Ansible, Terraform, GitHub, Confluence, JIRA
- **Databases** : MySQL, MongoDB, PostgreSQL
- **Observability** : OpenTelemetry, Grafana, Dynatrace, Kibana, Prometheus
- **Platforms** : Azure, AWS, Linux, Docker, Kubernetes, ServiceNow

WORK EXPERIENCE

SYSTEMS ENGINEER – III (SRE) | LEXISNEXIS RISK SOLUTIONS **Sep 2024 – Present**

- Led the migration of enterprise applications from SVN to GitHub, designing migration strategies, repository structures, branching models, and governance standards to support scalable source control modernization.
- Architected GitHub Actions workflows integrating Docker, JFrog Artifactory, GitSync, and self-hosted runners to automate build, packaging, release, and deployment processes.
- Implemented GitHub governance controls, including branch protection, PR validation, code review automation, secret scanning, and Jira-GitHub traceability to strengthen development and compliance processes.
- Built operational automation solutions for release reporting, deployment notifications, and workflow monitoring using GitHub Actions, PowerShell, and Microsoft Teams integrations.
- Collaborated with cross-functional teams to modernize legacy delivery processes, establish GitHub enterprise standards, and drive adoption of DevOps best practices across engineering teams.
- Developed end-to-end CI/CD pipelines using GitHub Actions for Windows IIS-based .NET applications under the PRDE project, integrating with JFrog Artifactory and Jenkins to automate build and deployment workflows which helped achieve a 70% reduction in deployment time.
- Designed and deployed a complete OpenTelemetry (OTEL) observability stack from scratch, integrating OTEL Collector, Grafana, and Elasticsearch for centralized metrics, logs, and traces.
- Developed Python-based test applications to simulate workloads, perform database queries, and monitor database performance and latency under load in OpenTelemetry .
- Built custom OpenSearch ELK dashboards to visualize application health, system metrics, and telemetry data, enhancing performance visibility and incident response.

DEVOPS ENGINEER | TATA CONSULTANCY SERVICES (TCS) **May 2021 – Aug 2024**

- Streamlined FOREX currency conversion infrastructure for enhanced transaction speed, benefiting a key banking client. Directed the administration of the Payment Hub for Rappi, a top food delivery app in Canada.
- Enhanced application performance and reliability by expertly managing Linux-based production servers in a 24x7 live environment, resulting in a 20% increase in uptime.
- Introduced and integrated CI/CD best practices with Jenkins and Git, streamlining software deployment workflows and reducing deployment times by 40%.
- Optimized Azure cloud environments through automation, monitoring, and scaling strategies, leading to $2500 CAD/month in cost savings while ensuring high availability and performance
- Utilized monitoring tools like Dynatrace and Azure Application Insights to improve server uptime by proactive monitoring and analysis.
- Managed SQL databases such as MySQL and NoSQL stores like MongoDB, ensuring data integrity and performance in an administrative capacity.

PROJECTS

Micro-blogging Web Application Platform | URL **February 2023**

- Developed a cloud-native web application using Python, Flask, and Gitpod, implementing backend services and database-driven functionality.
- Integrated AWS services including Cognito, RDS, Lambda, IAM, CloudWatch, and Honeycomb to enable authentication, access control, event-driven notifications, application monitoring, distributed tracing, and alerting.

Alexa voice-based Tourist Assistant | URL **February 2020**

- Designed and developed a conversational travel assistant using Voiceflow, creating intuitive voice interaction flows and seamless user experiences.
- Integrated third-party Webhook APIs and AWS Lambda functions to deliver dynamic travel information, including hotel reviews, destination recommendations, visa policies, and tourism insights based on user queries.

Home Automation using IoT **March 2018**

- Developed an IoT-based home automation system using Arduino and Blynk, enabling remote control of electrical appliances through a smartphone application and API integrations.
- Implemented voice-controlled automation using IFTTT and Google Assistant, enhancing user experience through hands-free appliance management and smart home functionality.

CERTIFICATES

- Terraform Certified Associate | URL — November 2025
- Forward Learning Program - McKinsey & Company | URL — July 2025
- Oracle MySQL Implementation Associate | URL — July 2025
- AWS Cloud Project Bootcamp - ExamPro | URL — September 2023
- Microsoft Azure AZ 900 | URL — March 2023
- AWS Cloud Practitioner | URL — December 2022

ACHIEVEMENTS

- Recognized with the **Spotlight Award** for delivering high-impact automation and observability solutions, reflecting the values **"Collaborate to Deliver, Act with Agility, and Drive Commercial Edge."**
- Honored with the **Inspiration Beacon Award** for conducting a well-received guest lecture on DevOps/SRE fundamentals and career guidance, motivating students and sharing practical industry insights.
- Runner-up in India Skills 2020, recognized by the **District Collectorate of Tiruvallur** for exceptional performance and skill demonstration at the state-level competition.

EDUCATION

Birla Institute of Technology And Science – Pilani **Present**
Master's in Business Administration (MBA) – Business Analytics

INDIAN INSTITUTE OF TECHNOLOGY (IIT) ROORKEE **Sep 2023**
PG Diploma in Advanced Cloud Computing and DevOps

ANNA UNIVERSITY (PRATHYUSHA ENGINEERING COLLEGE) **May 2021**
Bachelor of Engineering - Computer Science