### **NAME:**

### **Email:**

### **Phone:**

### **CLOUD / APPLICATION MODERNIZATION**

### **Professional Summary**

* Technology professional with 10 years of progressive experience spanning software development, DevOps, application modernization, and cloud transformation, delivering scalable enterprise solutions.
* Expertise in migrating legacy applications (COBOL, VB.NET, Ruby on Rails, ASP) to modern languages including Java, C#, and Python, while improving maintainability, performance, and scalability.
* Skilled in cloud platforms (AWS, Azure, GCP), containerization (Docker, Kubernetes), microservices architecture, CI/CD automation, and DevOps practices to accelerate delivery and reduce technical debt.
* Adept at implementing full-stack solutions integrating modern front-end frameworks with microservices backends, ensuring seamless user experience and maintainable architecture.
* Experienced in automated code analysis, refactoring strategies, and implementing unit, integration, and regression testing frameworks to ensure reliable deployments.
* Strong understanding of software architecture, design patterns, event-driven systems, and enterprise-grade modernization approaches to enable scalable solutions.
* Proven ability to define modernization roadmaps, guide internal teams, and mentor engineers on cloud-native development, DevOps, and modernization best practices.
* Hands-on experience in leveraging AI-assisted refactoring tools, infrastructure-as-code (Terraform), and observability frameworks to improve application reliability and maintainability.
* Skilled in collaborating with stakeholders to translate business requirements into actionable technical modernization strategies, while ensuring minimal disruption to legacy systems.
* Experienced in monitoring, logging, and troubleshooting modernized applications, applying best practices for performance tuning, reliability, and fault tolerance.
* Adept at leading transformation initiatives for hybrid environments, integrating legacy systems with cloud-native microservices to deliver enterprise-grade solutions.
* Strong advocate for software quality, maintainability, scalability, and automation, driving efficiency and reducing operational overhead.
* Experienced in cross-functional Agile teams, contributing to sprint planning, design discussions, and continuous improvement initiatives.
* Passionate about continuous learning, staying current with AI-powered modernization tools, cloud technologies, and DevOps automation trends.
* Demonstrated ability to deliver modernization and cloud transformation projects that improve operational efficiency, reduce technical debt, and ensure future scalability.

| **Technical Skills Category** | **Skills / Technologies** |
| --- | --- |
| **Cloud & IaC** | AWS, Azure, GCP, Terraform |
| **DevOps & CI/CD** | Docker, Kubernetes, GitHub Actions, Jenkins, CI/CD Automation, Git |
| **Architecture & Design** | Microservices Architecture, Event-Driven, API-first Design, Design Patterns |
| **Modern Development** | Java, Python, C#, Angular (Full-Stack) |
| **Legacy Systems & Migration** | COBOL, VB.NET, Ruby on Rails, ASP (Source Languages) |
| **Code Quality & Testing** | AI-powered Refactoring Tools, SonarQube, Automated Testing, Code Analysis |
| **Data & Operations** | PostgreSQL, MySQL, SQL Server, Monitoring, Logging |

### **Professional Experience**

**Client:**

**Cloud / App Modernization**   
**Environment:** AWS, GCP, Java, Python, Angular, Microservices, Docker, Kubernetes, Terraform, GitHub Actions, Jenkins, CI/CD, AI-powered Refactoring Tools

**Responsibilities:**

* Lead enterprise-scale modernization and cloud transformation initiatives, architecting solutions to migrate complex legacy applications to cloud-native microservices.
* Designed full-stack solutions integrating Angular front-end modules with Java and Python microservices, ensuring scalability, maintainability, and enhanced user experience.
* Implemented CI/CD pipelines using GitHub Actions, Jenkins, and Terraform to automate deployments, testing, and infrastructure provisioning across multiple environments.
* Applied AI-assisted refactoring and automated code analysis tools to optimize legacy applications, reduce technical debt, and improve system performance.
* Mentored internal teams and led workshops on modernization strategies, cloud-native development, microservices architecture, and DevOps best practices.
* Developed reusable libraries, templates, and frameworks to accelerate enterprise modernization projects and standardize engineering approaches.
* Designed event-driven, API-first architectures to enable seamless integration between modernized and hybrid systems.
* Integrated observability, monitoring, and logging frameworks to provide real-time insights into system health and performance.
* Collaborated with internal stakeholders to define modernization roadmaps, prioritize initiatives, and ensure alignment with business objectives.
* Directed teams on cloud platform adoption strategies, ensuring optimized resource usage and cost efficiency.
* Introduced and enforced modernization standards, coding guidelines, and best practices across all teams and projects.
* Provided guidance on DevOps adoption, automated testing strategies, and infrastructure-as-code implementation to improve operational efficiency.
* Evaluated technical risks and implemented mitigation strategies during complex modernization and migration projects.
* Documented lessons learned, best practices, and modernization playbooks for enterprise-wide reference and future project scalability.

**Client:**

**Transformation Consultant**  
**Environment:** AWS, GCP, Java, Python, Angular, Microservices, Docker, Kubernetes, Terraform, CI/CD, DevOps, Automated Testing

**Responsibilities:**

* Consulted on enterprise modernization projects, defining strategies to migrate legacy applications to cloud-native architectures using AI-assisted tools.
* Led assessment of legacy applications and prepared transformation roadmaps, balancing technical feasibility and business priorities for enterprise clients.
* Architected cloud adoption plans and deployment models leveraging AWS and GCP services to optimize cost, performance, and scalability.
* Directed cross-functional teams to execute modernization initiatives, ensuring minimal business disruption and adherence to project timelines.
* Applied containerization and orchestration best practices to legacy-modern hybrid systems, improving system resiliency and maintainability.
* Implemented microservices and event-driven design patterns, enhancing modularity and supporting future scalability.
* Developed CI/CD pipelines using GitHub Actions and Jenkins to automate builds, tests, and deployments across multi-environment workflows.
* Conducted enterprise-wide code audits, identifying technical debt and opportunities for modernization while applying refactoring strategies.
* Mentored internal development teams on modernization best practices, DevOps adoption, and cloud-native development techniques.
* Integrated automated testing frameworks, monitoring, and logging to ensure robust, reliable, and observable modernized systems.
* Designed reusable templates, libraries, and automation scripts to standardize modernization processes across projects.
* Facilitated workshops and knowledge-sharing sessions on cloud adoption, application transformation, and AI-powered modernization tools.
* Collaborated with stakeholders to define priorities, governance models, and modernization standards for enterprise systems.
* Documented modernization methodologies, lessons learned, and technical reference materials to enable organizational learning.

**Client:**

**Application Modernization Engineer**  
**Environment:** AWS, Azure, Java, Python, Angular, Docker, Kubernetes, PostgreSQL, CI/CD, Terraform, Automated Testing

**Responsibilities:**

* Led modernization of legacy Ruby on Rails and ASP applications into cloud-native microservices, improving maintainability and enabling horizontal scalability.
* Refactored critical business modules to adopt modern design patterns, reducing technical debt and enhancing overall system architecture.
* Designed and deployed containerized applications using Docker, orchestrating workloads in Kubernetes clusters for high availability and fault tolerance.
* Implemented CI/CD pipelines to automate build, test, and deployment processes, ensuring reliable and repeatable releases across environments.
* Developed reusable libraries and internal frameworks to accelerate modernization initiatives and standardize coding practices.
* Applied event-driven architecture principles and API-first design patterns to improve integration between modernized and legacy systems.
* Conducted automated code analysis using SonarQube and AI-assisted tools to identify opportunities for refactoring and optimization.
* Integrated Angular front-end modules with modernized back-end microservices to enhance the user experience and maintain backward compatibility.
* Assisted in cloud infrastructure provisioning and management using Terraform for both AWS and Azure, supporting hybrid cloud adoption.
* Mentored junior engineers on modernization best practices, cloud-native development, and microservices design principles.
* Participated in architecture review sessions to validate modernization strategies and align technical solutions with business objectives.
* Introduced observability frameworks and monitoring solutions to improve operational visibility and system reliability.
* Collaborated with internal stakeholders to define modernization roadmaps and prioritize migration of legacy systems.
* Documented modernization approaches, reusable patterns, and lessons learned to facilitate knowledge transfer across the organization.

**Client:**

**Software Engineer / DevOps Engineer**  
**Environment:** Java, Spring Boot, Angular, MySQL, Docker, Jenkins, Kubernetes, Git, Agile

**Responsibilities:**

* Designed and implemented modular Java components to gradually replace legacy VB.NET modules, improving maintainability and system scalability while ensuring backward compatibility.
* Assisted in containerizing applications with Docker and deploying them in isolated test environments to streamline integration and reduce deployment errors.
* Contributed to the development and maintenance of CI/CD pipelines in Jenkins, automating build, test, and deployment processes to accelerate delivery cycles.
* Developed scripts for environment provisioning, infrastructure automation, and configuration management, enabling consistent and reproducible deployments.
* Implemented comprehensive unit and integration testing for modernized modules, reducing defects and improving software reliability.
* Collaborated with DevOps teams to deploy containerized applications to Kubernetes clusters, learning orchestration and scaling techniques for production workloads.
* Participated in microservices architecture design discussions, applying best practices to modularize and decouple legacy application components.
* Assisted in cloud deployments on AWS and Azure environments, gaining hands-on exposure to cloud resource management and monitoring.
* Monitored application performance and supported operational troubleshooting, identifying issues and implementing corrective actions.
* Conducted code reviews and implemented feedback to ensure adherence to coding standards and modernization guidelines.
* Contributed to the creation of internal modernization playbooks and documentation for containerization, CI/CD, and cloud practices.
* Trained junior engineers on automated deployment strategies, container usage, and CI/CD best practices to improve team efficiency.
* Participated in migration planning for larger legacy-to-modernization projects, ensuring minimal disruption to business processes.
* Assisted in integrating monitoring and logging solutions for early detection of deployment and runtime issues, enhancing system reliability.

**Client:**

**Software Engineer**  
**Environment:** VB.NET, ASP, SQL Server, Windows Server, Git, Agile

**Responsibilities:**

* Contributed to maintenance and enhancement of legacy ASP and VB.NET applications by analyzing existing code, implementing bug fixes, and developing minor new functionality in alignment with business requirements.
* Assisted senior engineers in refactoring legacy modules to improve maintainability, while documenting workflows and preparing for future modernization projects.
* Participated in database migration efforts, including schema updates, data validation, and optimization of stored procedures for improved performance.
* Implemented unit tests and collaborated with QA teams to validate functionality, ensuring delivered solutions met technical and functional requirements.
* Shadowed cloud adoption and DevOps practices, gaining exposure to AWS and CI/CD pipelines, while assisting with small deployment tasks and environment setup.
* Learned software architecture principles, coding standards, and best practices under guidance, contributing to more maintainable and scalable code.
* Developed internal scripts to automate repetitive tasks and streamline legacy code maintenance activities, improving team efficiency.
* Participated actively in Agile ceremonies, sprint planning, and daily stand-ups, providing updates and feedback on development tasks.
* Assisted in troubleshooting and resolving technical issues in development and QA environments, collaborating with peers to ensure timely resolution.
* Contributed to internal knowledge sharing and documentation of legacy system workflows, improving team understanding for future modernization efforts.
* Applied coding standards and design guidelines consistently across assigned tasks to ensure quality and maintainability.
* Assisted in version control management, branching strategies, and Git workflow adherence to support collaborative development.
* Engaged in team learning sessions focused on modernization techniques, DevOps practices, and emerging cloud technologies.
* Supported early automation efforts for CI/CD pipelines under supervision, laying the foundation for more complex future deployment processes.