

DIVYANG MISTRY

Lead Product Engineer | DevOps Architect | AI Solutions Consultant

Open to Full-time · Part-time · Contract · Consultancy

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PROFESSIONAL SUMMARY

Lead Product Engineer, DevOps Architect, and AI Solutions Consultant with over 7 years of experience driving the full product lifecycle of complex cybersecurity, SaaS, and AI-powered solutions. Currently operating as an independent consultant, I bridge technical engineering and business strategy — leading cross-functional teams across **DevOps, Agentic AI Development, Network Administration, and Customer Success**. Specialized in enterprise-grade infrastructure, virtualization (Proxmox, QEMU, Hyper-V), custom Linux distribution development (Yocto), and security hardening. Expert in CI/CD automation, AI agent development & deployment, Kubernetes orchestration, and establishing cybersecurity standards while delivering high-performance products. Certified in **Google Project Management** with a proven track record of on-time, on-budget delivery.

CORE COMPETENCIES

Product & Leadership

- Agile/Scrum & Roadmap Planning
- Cross-functional Team Leadership
- Client Meeting & Deployment Handling
- Customer Success & Vendor Management
- Revenue & Resource Optimization

Infrastructure & DevOps

- Cloud (AWS / Azure) & Virtualization
- Proxmox, QEMU, Hyper-V
- Docker, Kubernetes, ArgoCD
- CI/CD Planning & Implementation
- Automation & Bash Scripting

Security & Networking

- Enterprise Router & Firewall Setup
- SIEM & OT Security (Snort, Dorje)
- OpenSource VPN Configuration
- System Hardware/Software Hardening
- Cybersecurity Standards & Policies

AI & Agentic Development

- Agentic Development
- AI Agent Development & Deployment
- LLM Integration & Orchestration
- Workflow Automation (n8n)

Monitoring & Analytics

- Grafana & Prometheus
- Infrastructure Monitoring
- Performance Optimization
- Alert Management

Development & Tools

- Node.js, Angular, React, .NET
- C++, Qt Framework
- Jira, Confluence, Git
- Yocto / Custom Linux Distros

KEY PROJECTS & INITIATIVES

CUSTOM LINUX DISTRIBUTION

Developed customized Linux distributions using Yocto for embedded cybersecurity appliances with hardware-level security hardening.

PRIVATE NETWORK INFRASTRUCTURE

Architected secure internal networking using Headscale, Keycloak authentication, and OpenSource VPN solutions.

CI/CD AUTOMATION PLATFORM

Designed and implemented end-to-end CI/CD pipelines with Jenkins, Docker, and Kubernetes for automated deployment workflows.

ADVANCE CYBER KIOSK

Led development and delivery as Product Lead for hardware-integrated forensic kiosk, managing full-stack development, UI/UX design, and deployment to government and enterprise clients.

ENTERPRISE VIRTUALIZATION

Deployed Proxmox-based virtualization infrastructure with QEMU/KVM for scalable development and production environments.

EPR WASTE MANAGEMENT PORTAL

Managed planning and full-stack development of portal tracing product lifecycles from manufacturing to recycling.

PROFESSIONAL EXPERIENCE

Arishti Info Labs

June 2023 – Present (Consultant)

Lead Product Engineer & DevOps Architect

- **Product Strategy & Execution:** Direct end-to-end product strategy for cybersecurity portfolio including "Advance Cyber Kiosk" and "Dorje" OT SIEM, ensuring alignment with market demands and business goals.
- **DevOps Architecture:** Design and implement enterprise DevOps infrastructure using Proxmox virtualization, QEMU/KVM, and automated CI/CD pipelines with Jenkins and Docker orchestration.
- **Infrastructure & Security:** Configure enterprise-grade routers, firewalls, and OpenSource VPN solutions; implement Snort-based intrusion detection and system hardening protocols.
- **Cross-Functional Leadership:** Lead and synchronize efforts across DevOps, Network Administration, Operations, and Customer Success teams; conduct Angular and .NET code reviews.
- **Client & Vendor Management:** Handle client meetings, product deployments, vendor coordination, and ensure delivery of technical solutions aligned with revenue targets.
- **Monitoring & Automation:** Deploy Grafana and Prometheus for comprehensive infrastructure monitoring; create Bash automation scripts for operational efficiency.

Arishti Info Labs

June 2021 – June 2023

Senior Software Engineer & Product Lead

- **R&D & Custom Linux:** Spearheaded R&D of security products; developed custom Linux distributions using Yocto for embedded cybersecurity appliances.
- **Product Delivery (Cyber Kiosk):** Managed full lifecycle of hardware-integrated forensic kiosk for sanitizing mobile/storage devices with frontend UX and backend logic.
- **Product Delivery (Dorje SIEM):** Led engineering of OT traffic monitoring tool with backend logic and frontend asset detection for PLC and HMI management.
- **CI/CD Implementation:** Planned and created CI/CD pipelines for automated testing, building, and deployment of security applications.

TechAvidus

Feb 2021 – June 2021

Software Developer

- Collaborated on scalable Node.js and Angular applications for enterprise clients with focus on performance optimization.
- Provided technical mentorship to junior developers, improving team velocity and establishing code quality standards.

Nimblechapps

Oct 2019 – Feb 2021

Frontend Developer

Executed frontend development for diverse client projects using React and Node.js with modern tooling.

Webelight Solutions

July 2018 – Oct 2019

Frontend Developer

Developed responsive web interfaces and optimized application performance using Angular frameworks.

CERTIFICATIONS



Google Project Management Certificate

Google · Coursera | 6-Course Specialisation | 2026

Foundations of PM · Project Initiation · Project Planning · Project Execution · Agile Project Management · Capstone

PROFESSIONAL OBJECTIVE

As a technically-grounded product leader, DevOps architect, and AI solutions consultant, I am committed to building intelligent products that solve real-world challenges while driving measurable business outcomes. Currently available for **full-time, part-time, contract, or consultancy engagements** — I thrive in environments where innovation meets execution and am eager to leverage my expertise in engineering, AI agent development, infrastructure architecture, and product management to deliver transformative solutions in cybersecurity, AI/ML platforms, cloud infrastructure, or SaaS products.

EDUCATION

B.E. Information Technology | Saffrony Institute of Technology

2014 – 2018