Layla Farouk

layla.farouk@email.com | +917-251-9103 | Johannesburg, South Africa

PROFESSIONAL SUMMARY

Accomplished Principal Engineer with 21 years of progressive experience in Software Engineering. Demonstrated expertise in Go, Microservices, Redis with a strong track record of driving innovation and delivering measurable business results.

CORE COMPETENCIES

Go	Microservices	Redis
Elasticsearch	Terraform	Prometheus

PROFESSIONAL EXPERIENCE

Principal Engineer | SmartSolutions Inc
2014 - Present | Johannesburg, South Africa
• Spearheaded software engineering initiatives that delivered 44% improvement in operational efficiency
• Led cross-functional teams of 12 professionals across multiple high-impact projects
• Architected and implemented Go solutions resulting in $310K annual cost savings
• Established best practices and mentored 3 team members, improving overall team productivity by 36%

Engineer | Apple
2012 - 2014
• Developed and maintained microservices applications serving 29K+ users
• Collaborated with product and design teams to deliver 8 major feature releases
• Optimized system performance resulting in 40% reduction in response time

EDUCATION

Master of Technology
Seoul National University | 2001

Bachelor of Science in Data Science
Seoul National University | 1999

CERTIFICATIONS

• AWS Certified Developer