



KUNAAL VERMA

Head of Industrial Engineering Product

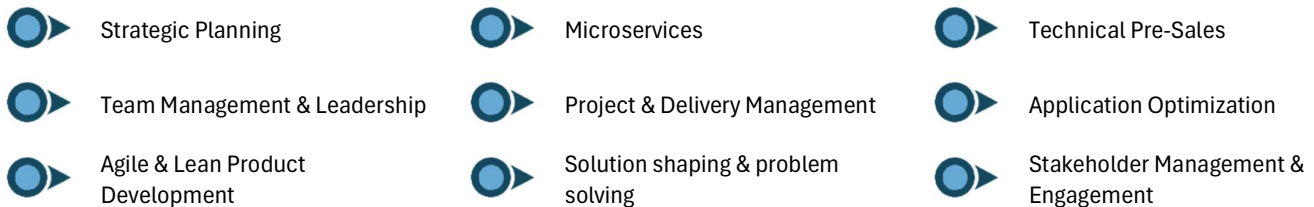
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A seasoned technology leader with ~ 20 years of experience in building and leading high-performing global software engineering teams. Proven ability to drive productivity, quality, and innovation while delivering cutting-edge solutions that meet strategic business objectives.

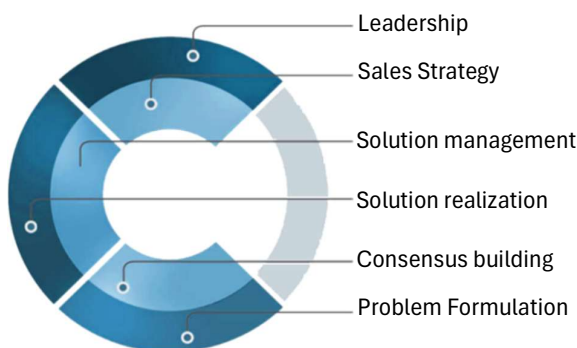
PROFILE SUMMARY:

- ❖ A strategic and forward-thinking leader adept at aligning technology initiatives with dynamic business landscapes. Demonstrated success in building high-performance engineering cultures that consistently deliver innovative, scalable, and secure solutions to delight customers.
- ❖ Managing full lifecycle of complex, enterprise-grade products using Agile and traditional methodologies
- ❖ Spearheading digital transformation initiatives leveraging emerging technologies like AI/ML, Intelligent Automation, and Generative AI
- ❖ Instrumental in setting up offshore development centers and implementing Lean best practices at scale.
- ❖ Defining technology roadmaps, architectural designs, and development processes aligned with business goals.
- ❖ Mentoring and developing high-caliber engineering talent across diverse skillsets and cultures.
- ❖ Fostering collaborative environments that empower teams to achieve their full potential.
- ❖ Strong track record of delivering quality products on time and within budget constraints.
- ❖ Extensive experience in working with teams spread across multiple geographical locations.
- ❖ Established '**Centre of Excellence**' in Pune and spearheaded the establishment of technical centre in the city.

CORE COMPETENCIES:



SOFT SKILLS:



EDUCATION:

-  Pursuing **E-MBA in Product Leadership** from Institute of Product Leadership, Bengaluru
-  **B.Tech. in Electronics & Instrumentation Engineering** from GB Technical University in **2005**

HONOURS:

- ❖ Awarded **MVP** award for my contributions to the QIO's Foresight Sustainability Suite.
- ❖ Awarded **Star Performer** for my contributions to Trellis Application.
- ❖ Conferred with **Manager's Choice** Award in 2009 for automating most test cases in a sprint.

WORK EXPERIENCE:

Nov'15-Dec'24 with QIO Technologies Pvt. Ltd., Pune as Head of Industrial Engineering Product

Jul'11-Oct'15 with Emerson Innovation Center, Pune as Team Lead

Sept'08-Jun'11 with 2Wire IDC Pvt. Ltd., Pune as Senior QA Engineer

Aug'07-Sept'08 with Cybage Software Pvt. Ltd., Pune as Technical Support Engineer

Jul'06-Aug'07 with IBM Global Process Services, Pune as Technical Support Executive

Jun'05-Jul'06 with M/s Computer Perishoppe Ltd., Tanda, U.P. as Junior System Administrator

PROJECT EXPERIENCE:

Product Name	FORESIGHT SUITE
Client	Rolls Royce, Lloyd's Register, WWT, Convex & British Telecom
Duration	Nov'15 – Till Date
Responsibility	<ul style="list-style-type: none">❖ Client Engagement❖ Pre-Sales Activities❖ Requirement Gathering, Scoping, Planning, Resourcing and Execution❖ Design and develop highly scalable and performant platform to address enterprise needs.❖ Lead the team throughout the entire activity❖ Conducted due diligence of the entire engineering systems and application with 3rd party in funding rounds
Description	<p>QiO's Foresight Suite is an AI enabled, Low Code No code, self-service platform that helps users to configure, build & execute the AI/ML algorithms has been used by our clients and has been used in developing various business-driven applications. As the Head of Industrial Engineering, I am responsible for helping our clients with their needs and training them on our platform.</p> <p>Client engagement is a major activity right from the inception of ideas until its delivery. Pre-Sales is another activity where I need to closely work with the sales and marketing team to pitch in for various biddings and provide technical support to the team.</p> <p>I represented QiO Team in all the Asia-Pacific engagement along with our few esteemed European clients. Taking decision on technical stack and data science practice is my daily routine.</p>
Product Name	FORESIGHT PRODUCTION
Client	Rolls Royce
Duration	Nov'15 – Till Date
Responsibility	<ul style="list-style-type: none">❖ Design and develop highly scalable and performant platform to address enterprise needs.❖ Responsible for delivering architecture artifacts.❖ Responsible for adherence of best practices.❖ Develop high quality product components.❖ Lead the team throughout the entire activity
Description	<p>Reflexive Execution. The production floor is a dynamic environment, and perfect execution can be difficult to plan and manage. Every day we encounter a new set of challenges. From equipment availability to material shortages or absent workers, you can always count on unexpected events.</p> <p>Incumbent scheduling software solutions are constraint-based and not reflexive to real-time changes. Foresight Production puts us back in control. We can manage production capacity based on predictive insights, no more expediting product or being locked into production and capacity plans based on rigid, preset schedules.</p> <p>It can integrate with existing ERP, MES and Supply Chain Execution systems, to provide mitigation scenarios for your production challenges.</p> <p>It continuously monitors schedules, demand signals and production processes in real time through a self-learning, artificial-intelligence engine. It empowers us to make real-time, in-context decisions on the best course of action to meet your production, quality and safety objectives.</p> <p>Enhancing our ability to maximise productivity, drive capital efficiency, increase quality and achieve high customer satisfaction.</p>

More historical projects on demand...

TECHNICAL SKILLS:

<ul style="list-style-type: none">❖ Languages – Java, Python, Shell script, Groovy❖ Databases – MySQL, Postgres, MongoDB, Cassandra❖ Frameworks – SpringBoot, JUnit, TestNG, Cucumber, MOCHA, ROBOT Framework❖ Project Management Methodologies – Waterfall, Agile, Scrum & Kanban❖ Test Management Tool – JIRA, Bugzilla, APTTest, Rally❖ API Testing – Postmaster, Swagger, Soap UI, RestAssured❖ DevOps – Jenkins, Sonar, Nexus, HELM, Docker Compose❖ Automation – Selenium, Protractor, JMeter, Cypress, Locust❖ Version Control – GIT, SVN❖ Data Pipeline – Apache NiFi, Streamsets	<ul style="list-style-type: none">❖ Container Orchestration – Kubernetes❖ Containerization – Docker❖ Cloud platforms – AWS, Azure, and GCP❖ Streaming Apps – Kafka❖ Cluster Computing – Spark❖ Workflow Orchestration – Camunda❖ Project Management Platforms – MS Projects, Confluence, Wiki, SharePoint, Monday❖ Flow charting – MS Visio, Canva❖ Compliance – ISO27001, GDPR❖ Monitoring Tools – Grafana, Splunk
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PERSONAL DETAILS:

Date of Birth: 18th March 1983
Language Known: English and Hindi
Address: Pune