



CONSULTANT PROFILE

ZACHERIAH COLE

Experienced and passionate engineering professional with progressive leadership experience in product and manufacturing development.

Excels at leading cross-organizational projects to develop products and manufacturing technologies. Specialized knowledge in analytical methods and utilizing broad knowledge to consistently surpass organizational goals, improve operations and drive profitability. Routinely recruited for key technology development programs.

Adept at cultivating partnerships and fostering a data-driven work culture. Specialized knowledge in a wide portfolio of design and simulation softwares.

New Product Introduction
Innovation
Leadership
Team Building
Cost Modeling
Productionization
Technology Development
Analysis & Reporting
Project Specifications
System Development
Global Communications
Process Improvement
Strategic Development

Education

Bachelor of Science in
Mechanical Engineering

Programming & Software Expertise

Finite Element
Analysis-Stress,
Dynamics (ANSYS)

Programming: C#,
Visual Basic, Python
and VRML Proficient

Computer Aided Design:
Nx (Unigraphics),
Solidworks and Magics
Proficient

Recent Professional Experience

Co-founded two successful start-ups in the aerospace industry.

Successfully lead a team of engineers through the global Manufacturing Capability Readiness process to qualify ceramic matrix composite technology for use in commercial airline engines.

Developed vision for implementation of new single-crystal casting technology into productionization. Designed, sourced, constructed, and developed advanced manufacturing equipment and processes for casting, chemical processing, and automation.

Led all planning and final assessment of engine qualification flight test activities for the US-2 Amphibious Search and Rescue Aircraft.

Professional Development

Six Sigma, Lean and
Process Excellence,
Robust Design

Project Management
Institute toolset

Advanced Geometric
Dimensioning and
Tolerancing (GD&T)



We provide expert technical solutions for your holistic product creation process, from optimized product development through to supply chain design and risk management.

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