



Q&A WITH



**InDepth**  
Engineering Solutions



**The automotive industry is looking at a global skills shortage in which not enough engineers are sufficiently qualified to support the advancements of emerging technologies or operate sophisticated automated machinery. How does InDepth Engineering Solutions address this talent gap?**

Potential candidates are screened by our recruiters and interviewed by HR and technical managers to ensure right fit with our clients. Selected candidates go through rigorous classroom training and then work on hands-on projects. InDepth has developed extensive training material to train its staff in design and engineering. Our training is focused on solving customers' problems and not simply using various software. We utilize our knowledge of the industry and are driven by our customers to continuously improve on current methods and processes to add value to their products. InDepth has been appreciated by its customers for bringing in the right talent at the right time -- we have been extremely successful in leveraging our network within the industry. Our database of over 25,000 resumes finds well-qualified candidates for various roles such as product engineers; design engineers for chassis, body in white, interior and exterior systems, engine, transmission and engine systems; NVH testing; CAE; aerodynamic and aero thermal CFD; infotainment and telematics qualification; and system architects.

**How can InDepth Engineering cater to small and mid-sized Tier 1 and Tier 2 suppliers?**

Tier 1 and Tier 2 suppliers are under tremendous pressure from OEMs to cut costs and weight while simultaneously reducing product development time. Hence, accurate prediction of product performance using CAE tools has become all the more important. This requires close coordination with suppliers' design, engineering, manufacturing and testing teams. Every issue faced by suppliers is unique and no set procedure can solve these issues in an efficient manner. InDepth, with its on-shore engineering team, brings its industry experience in several domains and its relentless zeal to solve the issue in the most comprehensive manner. We have a proven track record of root causing the issue, developing counter measures and proposing ideas to further improve product performance as opposed to simply providing the status of the current design.



## **How can InDepth help small and mid-sized automotive companies expand their technological position in the automotive industry?**

The Computer Aided Engineering field is vast with many specialized software suitable for different domains. It becomes expensive for small companies to maintain every software and retain experts in various domains, specially when the requirement is sporadic. InDepth brings the same expertise to small companies that is available to large companies. Our on-shore resources integrate with your team to present a cohesive narrative to your customers.

## **As more companies are trying to stay ahead of the curve, what solutions can you offer to optimize products?**

InDepth is continuously striving to improve its method, productivity and accuracy. One way we are able to keep ahead of our competitors is by leveraging the research performed in schools and developing it further to deploy it in the industry. Another way we stay ahead of the curve is by continuously evaluating new tools introduced in the market. Full capabilities of each software in use are exploited and InDepth's understanding of theory of operation helps our engineers come up with out-of-the box solutions. Finally, our use of computer-aided optimization tools allow us to further optimize and develop a robust product.



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**InDepth Engineering Solutions** is a mechanical engineering consulting firm recognized for its commitment to providing the highest level of quality service to the automotive industry. Over the years, they have catered to the demands of passenger car, EV/HEV, alternate fuel, and commercial and specialty vehicle industries. With a multi-disciplinary team of engineers, InDepth Engineering Solutions have achieved tremendous success in projects involving full vehicle, body structure, chassis, suspension, powertrain, seating systems, and various other interior and exterior systems.

**To learn more, visit [www.indepthengsol.com](http://www.indepthengsol.com)**