

Job Detail

Executive Level

Position Title	Crash Simulation Engineer
Recruiter Company	Fidel Consulting KK
Company Name	Company name is private
Activated / Updated	2024-03-06 / 2024-03-06
Job Type	IT (PC, Web, Unix) - Database SE IT (PC, Web, Unix) - Web Application SE Electronics (Appliance/Semiconductor) - Other
Industry	
Location	Asia Japan Tochigi
Job Description	<p>The Crash Simulation Engineer will be responsible for performing full vehicle frontal, side and rear crash simulations as per FMVSS, JNCAP, IIHS and ECE standards using Ls Dyna. This candidate is using pre-processing tools like ANSA and HYPERMESH to create and debug the full vehicle crash model.</p> <p>This engineer will use META or HYPERWORKS to post-process the crash simulation results. They will suggest recommendations for improving the design. This engineer should understand the problem by digging into and analyzing the results and is able to find the optimized solution by performing several full vehicle crash simulation iterations. Need to correlate the CAE results with the test data. Need to create reports to present the results of the simulations and the improvements achieved. Need to interact with design team and other functional teams like Durability/NVH to achieve the desired vehicle performance</p>
Company Info	<p>A leading global information technology, consulting, and business process services company. We harness the power of cognitive computing, hyper-automation, robotics, cloud, analytics, and emerging technologies to help our clients adapt to the digital world and make them successful. A company recognized globally for its comprehensive portfolio of services, a strong commitment to sustainability, and good corporate citizenship, we have over 160,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and bold new future.</p> <p>[Measures against passive smoking] No smoking indoors allowed Designated smoking area</p>
Qualifications	<p>Bachelors/master's in engineering 5+ years of experience in performing full vehicle crash simulations. Experience with using Ls Dyna, ANSA, META, HYPERWORKS and PRIMER Knowledge of Federal Motor Vehicle Safety Standards, JNCAP, IIHS and ECE Knowledge of optimization tools and techniques. Knowledge of applying engineering fundamentals in vehicle development Ability to work independently from start to end A Team player and problem solver Experience with correlation of CAE and Test results Japanese Language skill with fluent reading and writing</p>
English Level	Business Conversation Level (TOEIC 735-860)
Japanese Level	Business Level(JLPT Level 2 or N2)
Salary	JPY - Japanese Yen JPY 6000K - JPY 8000K