



RAVI
the car guy

It's rare to meet someone who loves cars but doesn't have their driver's license. That's never stopped Ravi. He's a self-proclaimed car guy who dreams of one day owning a Mercedes-Benz. For now, he's happy biking everywhere—and designing cars on the **3DEXPERIENCE®** platform.

There's one car design that Ravi is particularly proud of: the 1.5 ton Small Commercial Passenger Electric Vehicle. Although he was the one who submitted the winning project to our 2019 Project of the Year student competition, it was a large multi-team effort. Ravi was part of the mechanical electronics team and this experience enabled him to learn about electronics in addition to his studies in mechanical engineering.



Centurion UNIVERSITY

The project was set up and mentored by faculty staff at Centurion University, where Ravi is studying. It called for close coordination among the different multidisciplinary teams, composed of two and five students from various fields, with each one responsible for a different part of the process. Some worked on the electronics of the car and others designed the exterior. Overall, it took eight months and it's not over yet. They would ultimately like to build a model!

Of course, they are quite capable of physically building the vehicle because the project was thoroughly thought out on the 3DEXPERIENCE platform. The teams collaborated on our cloud-based solution through dashboards and shared communities called SwYm.



Ravi had initially used CATIA® but was pleasantly surprised by the 3DEXPERIENCE platform. He says it's easier to use thanks to the user-friendly interface. We couldn't have said it better ourselves! Now, back to Ravi.

When he isn't in school or working on a car design, Ravi can be found playing video games. PUBG is his all-time favorite. But engineering is never far from his mind.



He's keen to visit Japan one day to see where the technology is developed. Ultimately, he dreams of becoming a product designer. We might venture a guess that cars would be in the mix! For now, he's happy biking around just dreaming of his future vehicle.

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