

Education

King Mongkut's Institute of Technology Ladkrabang	Bangkok, Thailand
Bachelor of Engineering (Mechanical Engineering)	2022
Thesis : Design and manufacturing of carbon fiber composite monocoque chassis for formula student car	

Skills and Proficiencies

Skills : Mechanical & Product Design, Reverse Engineering, Concept Design, Composite Material Design & Manufacturing, Surface Modeling, Rapid Prototyping, 3D Scanning & Printing, CNC Machining, Milling & Lathe, Tooling & Mold Design, DFM, Product Testing & Validation

Software: SolidWorks, Catia, Fusion360, Rhinoceros 3D, Geomagic, Quicksurface, Blender

Language: English (TOEIC 910/990), Thai (Native)

Professional Experience

Eighty8 , Bangkok, Thailand	July 2026 - Present
Product Designer	
- Designed bespoke automotive components through concept development. - Developed lightweight composite parts optimized for aesthetics, fitment, and manufacturability. - Performed 3D scanning and reverse engineering of complex components to develop accurate CAD models for product development and manufacturing.	
Cobra International , Chonburi, Thailand	August 2024 - June 2026
Product Engineer	
- Design, develop, and optimize composite parts. - Create and maintain technical documentation including CAD models, plybooks, drawings, design and specifications. - Work closely with production, quality, and R&D teams to ensure product feasibility, manufacturability, and performance standards. - Support the implementation of new materials, tooling, and production techniques for composite structures. - Coordinate testing and validation activities, including destructive and non-destructive testing of composite parts.	
Barbarossa Industries , Chonburi, Thailand	October 2022 - September 2023
Composite Engineer	
- Design molds and tooling for composite material manufacturing and develop efficient processes. - Design layup schedules and process for infusion, wet layup, prepreg OOA, autoclave, and compression molding for monolithic and sandwich parts. - Create and optimize cutting files to maximize material usage. - Develop and test new methods for manufacturing processes. - Utilize 3D printing technology for rapid prototyping and proof of concept.	

Additional Experience

Burapha University , Chonburi, Thailand	June 2026 - September 2026
Composite Materials Engineering For Automotive and Aerospace (Non-Degree Certificate Program)	
- Studied composite manufacturing processes for automotive and aerospace applications. - Studied mold and tooling design with a focus on manufacturability and production requirements. - Studied NDT methods and mechanical and thermal testing for composite material and component evaluation.	
Moscow Aviation Institute (MAI) , Moscow, Russia	October 2023 - June 2024
Aircraft Engineering Graduate Student	
Studied Aircraft Engineering at the Master's level; did not complete the degree.	

Leadership and Activities

Initial Formula KMITL , Bangkok, Thailand	August 2018 - June 2022
Head of Chassis and Aerodynamics Department	
Currently serving as a team advisor, providing technical guidance on engineering development.	
- Design and building the chassis and aerodynamic components for the Formula Student racing car. - Developed and refined components through CAD modeling, prototyping, fabrication, and testing. - Coordinated with other departments to ensure component integration and alignment of design objectives. - Troubleshooting design and manufacturing issues during vehicle assembly and testing. - Represent the team in competitions and events for engineering reports and presentations.	