



BENJAMIN SHAH

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SUMMARY

Results-oriented Mechanical and Mechatronics Engineer seeking a challenging position to apply expertise in designing and implementing innovative solutions for complex engineering challenges. Proven track record of success in project management, problem-solving, and cross-functional collaboration. Adept at utilising cutting-edge technologies to optimise processes and enhance overall efficiency.

WORK EXPERIENCE

Mechatronics Engineer, Borcelle Technologies	Jan 2023 - Present
<ul style="list-style-type: none">Led development of an advanced automation system, achieving a 15% increase in operational efficiency.Streamlined manufacturing processes, reducing production costs by 10%.Implemented preventive maintenance strategies, resulting in a 20% decrease in equipment downtime.	
System Engineer, Arrowai Industries	Feb 2021 - Dec 2022
<ul style="list-style-type: none">Designed and optimised a robotic control system, realizing a 12% performance improvement.Coordinated testing and validation, ensuring compliance with industry standards.Provided technical expertise, contributing to a 15% reduction in system failures.	
Junior Project Engineer, Salford & Co Manufacturing	Mar 2020 - Jan 2021
<ul style="list-style-type: none">Managed full lifecycle of a cutting-edge automation project, meeting all milestones.Conducted feasibility studies and risk assessments, mitigating potential project risks.Collaborated with clients, leading to a 25% increase in customer satisfaction.	

EDUCATION

Bachelor of Mechatronics Engineering with Honours	Aug 2016 - Oct 2019
University of Engineering Excellence	
<ul style="list-style-type: none">Major in Automotive Technology.Thesis on "Technological Advancements within the current Mechatronics Industry".	
Diploma in Mechanical Engineering	May 2014 - May 2016
Engineering University	
<ul style="list-style-type: none">Relevant coursework in Structural Design and Project Management.	

ADDITIONAL INFORMATION

- Technical Skills:** Mechatronics System Integration, Automotive Engineering Technology, Project Management, Robotics and Automation, CAD for Mechatronics.
- Languages:** English, Malay, Japan.
- Certifications:** Professional Engineer (PE) License, Project Management Professional (PMP).
- Awards/Activities:** Actively participated in the "Innovation for Tomorrow" community outreach program, promoting STEM education and inspiring local students.