ANDRIY SHEVA FERDIANSYAH

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Jl. Cipedes Atas No.29c Rt 06/07, Gegerkalong, Sukasari, Bandung, West Java

A fresh graduate Bachelor of Automotive Engineering Education who has a desire to continue learning, is accustomed to working in teams, managing activities in organizations, has a high interest in education and renewable technology development.

# Professional Experience

**CV HIDTECH GROUP - Bandung, Indonesia** Oct 2021 - Present

*Instructors and Technicians*

A company engaged in electric vehicle assembly, electronic components, and application development.

* Provide services to customers by listening, analyzing, and explaining the estimated cost and time requirements of product work in order to achieve customer satisfaction.
* Carry out the work that has been received properly.
* Provide training and technical assistance for customers in operating the product
* Successfully produced 4 projects converting internal combustion engine vehicles to electric vehicles.
* Provided training to students at the training held by the BBPVP Bandung Vocational Training Center in learning about batteries.

**SMK Negeri 8 Bandung - Bandung, Indonesia** Sep 2023 - Nov 2023

*Teacher*

* Teaching motorcycle engineering knowledge.
* Teaching motorcycle engineering practicum.
* Managing teacher and student administration.
* Creating learning media in accordance with student conditions.

**Honda IBRM Cimahi - Bandung, Indonesia** Jan 2024 - Feb 2024

*Mechanic*

* Review and manage spare parts availability.
* Analyze problems in the repair of customer vehicles.
* Create administrative reports for each customer vehicle to be repaired.
* Support management in finding the most effective solution based on the real problem at hand.

**Barokah Jaya Motor - Bandung, Indonesia** Jul 2019 - Oct 2019

*Mechanic*

* Assist the chief mechanic in carrying out his duties.
* Analyze problems to repair customer vehicles.
* Make reports and administration for each customer's vehicle to be repaired.
* Being a mechanic representative in attending SOP training for handling damage to new vehicles.

# Education

**Indonesia University of Education - Bandung, Indonesia** Jun 2020 - Aug 2024

*Bachelor Degree in Automotive Engineering Education, 3.59/4.00*

* Joining the research and community service team in waste management.
* Joining the research and community service team in developing technology to support the continuity of learning.
* Joining the university-level electric vehicle research and development team.
* Joining the university-level hydrogen-fueled vehicle research and development team.

# Organisational Experience

**UKM Komunitas Penggemar Teknologi Otomotif UPI - Bandung, Indonesia** Sep 2022 - Aug 2023

*Manager of Research and Technology Division*

* Manage each team member's work in building vehicles to meet planning targets.
* Create relationships between each division, other organizations, university staff, and sponsors.
* Coordinate the performance of the team.
* Responsible for all research activities in the team.
* Prepared an accountability report to the university regarding research and development activities and presented the results obtained.
* Train the next 3 generations of team divisions.

**Team Mocka KOMPETITIF UPI - Bandung, Indonesia** Aug 2020 - Aug 2024

*Head of Mechanic*

* Manage each team mechanic to prepare the two-wheeled vehicle according to the planning target for the racing competition.
* Choosing racing strategy to get the best position.
* Responsible for providing spare parts.
* Coordinating and responsible for all research with team mechanics to get the best time and vehicle results.
* Train the next generation in developing their technical skills.

**Mahasiswa Otomotif Club - Bandung, Indonesia** Aug 2021 - Aug 2023

*Staff*

* Supervising cadre members for the annual admission of all students majoring in automotive engineering education.
* Holding training events to develop the leadership spirit of the next generation of the organization.
* Holding a guidance period event for the association's regeneration event.

# Skills, Achievements & Other Experience

**Skills**: Administration reporting, Microsoft Office, Solidwork, CAD, Inventor, Canva, Coreldraw, etc.

**Achievements** (2024): Shell Eco Marathon Asia and Middle East 2024: Achieved 2nd place internationally in the hydrogen prototype class with a fuel consumption of 503 km/m3 in the Asia Pacific and Middle East region.

**Achievements** (2023): Achieved 6th place nationally in the Prototype Battery class with an energy consumption of 336.31 km/kWh at the 2023 Kontes Mobil Hemat Energi (KMHE) organized by Kemenristekdikti.

**Achievements** (2023): Shell Eco Marathon Asia and Middle East 2023: Achieved 2nd place internationally in the hydrogen prototype class with a fuel consumption of 268 km/m3 in the Asia Pacific and Middle East region.

**Achievements** (2022): Won 4th place in the National Prototype Battery class with an energy consumption of 284.43 km/kWh in the 2022 Kontes Mobil Hemat Energi (KMHE) organized by Kemenristekdikti.

**Achievements** (2022): Shell Eco Marathon Asia and Middle East 2022: Achieved 3rd place internationally in the urban battery class with an energy consumption of 98.9 km/kWh in the Asia Pacific and Middle East region.

**Achievements** (2021): Won the Eco Fun Race in the Urban Battery class at the 2021 Kontes Mobil Hemat Energi (KMHE) organized by Kemenristekdikti.

**Achievements** (2021): Won 1st place in the bicycle prototype design at the Inovation and Competition In Electricity (ICE) event in 2021 organized by PLN Puslitbang.

**Achievements** (2021): Eshark Rok Cup Championship 2021: Won 2nd and 4th place in series 1 and 2.



