



# MUHAMMAD ANGGA PARIPURNA

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Kota Bekasi, Jawa Barat, Indonesia.

I am a graduate in Electronics Instrumentation with more than 2 years of experience in the Solar PV industry. My expertise covers the entire process, from prospecting potential customers, offering solutions, devising installation plans, budgeting, PV installations, to proficiency in PV software and design.

## Work Experiences

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### **PT. Suanghai Power Prima - Jakarta Barat, Indonesia.**

Feb 2021 - Present

#### *Sales & Technical Solar PV*

Suanghai Power Prima is an EPC company and distributor of solar PV components from China, featuring reputable brands like Trina Solar and Growatt. Based in West Jakarta, we offer comprehensive solutions for renewable energy projects, specializing in solar power.

- Conducting site surveys for potential customers to assess their suitability for solar PV installations.
- Performing site assessments to determine the best approach for PV system implementation.
- Preparing comprehensive project schedules to ensure efficient project management.
- Creating detailed technical PV drawings and plans to guide the installation process.
- Managing bills of materials and initiating procurement of required equipment and supplies.
- Generating daily reports during on-site solar PV installation projects.
- Compiling documentation for future promotional activities related to completed projects.
- Engaging in Project Development and Sales activities.
- Utilizing specialized software such as Sketch Up, PvSyst, and HelioScope to design and optimize PV systems.
- Communicating and collaborating with potential partners, and developing proposals through negotiations.
- Holding meetings with partners to discuss shared goals and objectives.
- Developing and executing marketing strategies and communications to reach potential clients.
- Assisting team in solar panel installation and electrical system on-site.

### **Internet Cafe Owner - Bekasi, Jawa Barat, Indonesia.**

Dec 2012 - Apr 2021

#### *Self-employed*

I have owned a internet cafe (Warnet) that has been running for almost 8 years, providing quality internet services to help customers meet their communication and online entertainment needs, in the local area. However, after I tried to endure through the challenging period of the pandemic from 2020 to 2021, I have made the decision to close my business.

- Successfully initiated and operated a small Internet cafe business with family capital, gradually expanding it from one server computer and two client computers to a total of 24 client computers within 3 years.
- Utilized troubleshooting and listening to customer complaints and proactively conducted software updates, maintenance, and application updates for smooth operations and to ensure the proper functioning of the Internet cafe.
- Demonstrated sound cash flow management by monitoring and managing financial transactions, and maintaining a cash flow.
- Try supervising and supporting, and delegating tasks to employees.

### **PT Toyota Motor Manufacturing Indonesia - Jakarta Utara, Indonesia.**

Jul 2018 - Sep 2019

#### *Quality Engineer*

PT Toyota Motor Manufacturing Indonesia (TMMIN) is an automotive manufacturing company focused on the production and assembly of Toyota vehicles.

- Go down directly to gather actual information in the actual field.
- Field analysis and take action for the concerned item.
- Field Technical Report (problem investigation and countermeasure promotion).
- Field action handling.

### **SMKN 01 Jakarta - Jakarta Pusat, Indonesia.**

Jul 2017 - Dec 2017

#### *Teacher Assistant*

I had the opportunity to teach at SMKN 01 Jakarta as part of my practical training, which was a requirement to complete my degree in Education.

- Implementing interactive teaching methods for active student engagement through innovative approaches.
- Creating lesson plans (RPP) and assessing student work.
- Developing diverse questions for assignments and exams.
- Improving teaching materials for creativity and efficiency.

**Finance Assistant**

PT Global Informasi Bermutu (Global TV) is a media company located in Central Jakarta.

- Assisted in financial analysis and reporting, utilizing Microsoft Office to ensure accurate and well-organized records.
- Helped with bookkeeping and document preparation, ensuring documents are well-organized for easy retrieval in the future.

## Education Level

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**Universitas Negeri Jakarta - Jakarta, Indonesia.**

Jun 2014 - Mar 2019

**Bachelor Degree in Electronics & Instrumentation Engineering, 3.37/4.00**

- Studied Data Communications, Microprocessors, Mechatronics, Robotics, Pneumatics, PLC, Control Systems, Analog Electronics, Interface Engineering, and Electronics components (transistors, capacitors, resistors, IC, and others).
- Learn and applied instrumentation techniques using electronic sensors, Digital Electronics, programming languages, and create automated engineering using Electronics components.
- Accomplished the Final Task: Developed an Android-based Indonesian Sign Language Model Using Robot Hand, incorporating 3D design and printing, Arduino, and IoT Android application.
- Published a research article titled "Android-based Indonesian Sign Language Model Using Robot Hand for Deaf People" in IOP Science on March 1, 2019.
- Presented the research at the Annual Application Science and Engineering Conferences 2019 (AASEC 2019) and became a finalist in The 4th Annual Applied Science and Engineering Conference on April 24, 2019, in Bali, Indonesia.

## Organisational Experience

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**Batavia Team UNJ - Universitas Negeri Jakarta.**

Jan 2016 - Mar 2018

**Electric Vehicle Engineer & Non-Technical**

Batavia Team at Universitas Negeri Jakarta is a student organization dedicated to developing prototype super mileage vehicles. Our team strives, researches, and works with utmost dedication to achieve innovation in creating energy-efficient vehicles, and we actively participate in both National (Kontes Mobil Hemat Energi) and International competitions (Shell Eco-Marathon Asia).

- Compile and discuss projects, focusing on prototype car improvements and innovations.
- Build teamwork and coordinate with various divisions to conduct research and development (test drive) on the prototype car, aiming for optimal results.
- Take charge of designing and implementing research outcomes related to electricity.
- progress reports and evaluations and develop budget plans for research and trial requirements.
- Manage social media accounts, creating engaging posts and designing digital messages and posters to promote and support the open recruitment process.
- Represent our prototype car at the GAIKINDO Indonesia International Auto Show (GIIAS) and other automotive exhibitions, ensuring compliance with all requirements before and after the events.

## Skills, Achievements & Other Experience

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- **Projects:** Participated in assisting the installation of several residential solar PV projects and also the installation of solar PV systems in medium projects such as SDN Desa Sepunggur in Kalimantan, Jabodebek LRT Project in Bekasi, and others..
- **Achievements:** Handled and Sales Closing several projects totaling over 200kWp, based on marketplace seller data (excluding offline sales), while working in the Solar PV industry, consistently achieving Top Sales performance.
- **Achievements:** Managed projects with a capacity exceeding 320kWp from 2021 to early 2023.
- **Achievements (2016):** At Batavia Gasoline Team, our fuel-efficient prototype car achieved 2nd place as the most fuel-efficient vehicle in Indonesia with an impressive result of 572.283 kilometers per liter (km/L).
- **Soft Skills:** Reporting & Analysis, Time Management, Communication, Problem Solving, Creativity, Negotiation, Adaptability, Leadership, Teaching, Classroom Management, Student Counseling, Analytical Skills, Motivation, Document Management, Presentations, Teamwork, Critical Thinking, Public Speaking, Crowd Control.
- **Hard Skills:** Budgeting, Electrical Wiring, PVSyst, Renewable Energy Systems, HelioScope, Microsoft Office, IoT, Engineering, Business Development, Solar PV Engineering, Project Management, Solar Energy, Arduino IDE, PLC, SketchUp.
- **Achievements (2016):** At Batavia Organizational Team, our efficient prototype car achieved 1st Position in the Battery-Electric Prototype Vehicle category with an impressive result of 321.071 kilometers per kilowatt-hour (km/kWh) in the Kontes Mobil Hemat Energi 2016 competition.