

MUHAMMAD ASWAN

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Cambalompoo Desa Balang Baru, Tarawang, Jeneponto

Back End Web Developer and Printed Circuit Board Designer

Work Experiences

Electronics and Devices Laboratory of Hasanuddin

Jul 2021 - Present

University - Gowa, Indonesia

Printed Circuit Board Designer - Contract

- Designed and developed Electric Motor Controller products used in electric vehicle to raise the level of domestic components
- Designed and developed Solar Grid Controller products for simple and energy-saving homes based on photovoltaic systems

Electronics and Devices Laboratory of Hasanuddin

Jul 2019 - Jun 2021

University - Gowa, Indonesia

Research Assistant - Contract

- Designed and manufactured DC-AC inverter for home scale photovoltaic systems
- Used the SPWM technique in controlling the switching MOSFET on the inverter

PT Pilar Syariah Makassar - Makassar, Indonesia

Mar 2020 - Feb 2021

Junior Web Programmer - Part Time

- Developed the company's website by presenting partner and customer data on each manager's website for analysis

Education Level

Hasanuddin University - Indonesia

Aug 2016 - Jun 2021

Bachelor Degree in Engineering, 3.64/4.00

Projects and Skills

- **Projects** (2021): Full-Stack Website Developer PHP Laravel and Vue JS
- **Projects** (2020): Teledentistry Website : Dentist Clinic Management Web
- **Skills**: PHP, HTML, CSS, Laravel, Bootstrap, MySQL, Javascript, Git, GitHub, C/C++, Altium Designer, PCB Design, Arduino