



DEVINO NUKE

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SUMMARY

I am an Electronics Engineering with a strong knowledge of electrical systems, microcontroller-based applications, and instrumentation. Experienced in designed, constructed and developed microcontroller-based systems, studied the technical requirements from hardware, and software, and worked to perform some innovation project. I am capable of operating measuring instruments, performing calibrations, and maintaining and repairing electronic equipment. A responsible, adaptive, and proactive person who has good skills in leadership, teamwork, and troubleshooting. I am dedicated to always learning and developing professionally in engineering, technology and systems development.

EDUCATION

Politeknik Negeri Bandung

Bandung, West Java

Bachelor of Applied Science (S. Tr. T.) - D4 Electronics Engineering

2021-2025

- Learn about electronics system design, microcontroller integration, instrumentation, and industry based projects

SMAN 2 Sukabumi

Sukabumi, West Java

Science Major

2018-2021

EXPERIENCE

Final Project : Iontophoresis Therapy Device Based on IoT

Feb 2025 - Jul 2025

- Designed and developed an IoT-based automatic iontophoresis therapy device for palmar hyperhidrosis treatment
- Integrated Galvanic Skin Response (GSR) sensors and Mamdani fuzzy logic to adjust voltage and duration based on skin condition
- Conducted experiments on real hyperhidrosis patients and simulated respondents to validate device effectiveness
- Developed a mobile application to monitor therapy data

PT. SOLUSI INTEK INDONESIA - Internship

Bekasi

Jun 2024 - Oct 2024

- Junior Electronic Engineer
 - Designed and developed microcontroller-based systems for various projects
 - Analyzed hardware and software requirements to optimize system performance
 - Collaborated effectively in a team to deliver innovative solutions
 - Gained hands-on experience in microcontroller implementation and real-world problem-solving
 - Strengthened communication, time management, and teamwork skills through daily tasks and coordination
 - Applied Python programming for system development

CERTIFICATIONS

Competency Certification – Industrial Automation

2025

- Operated electrical and electronic equipment with proper SOP and safety (K3)
- Programmed and operated PLC (Programmable Logic Controller) systems
- Maintained workplace safety, regulations, and effective communication
- Handled technical problem-solving and teamwork in an industrial setting

ORGANIZATIONAL EXPERIENCES

Himpunan Mahasiswa Elektronika - (HME)

2023 - 2024

- Chairman of Commission 3
 - Carry out regular monitoring and evaluation of BPH HME's performance
 - Create and review supervision reports for departments at BPH HME
 - Convey information on developments and changes in every activity carried out by BPH HME to MPH HME

Chairman of the KPP

2022 - 2023

- Planning the election of MPH and BPH chairman HME Polban
- Designing a timeline for ongoing activities
- Lead internal meetings, coordinate member tasks, and prepare agendas
- Handled for the preparation, coordination and implementation of the election of the chairman of the MPH and BPH HME Polban
- Announce the election results officially and provide transparency to HME polban members

Orientation Program (Delegated by HME to BEM Polban)

Jun 2022 - Aug 2022

- Mentor
 - Assisted the orientation programs for new students
 - Guided new students on their academic and non-academic requirements
 - provided necessary informations for the new students
 - Advocate the needs and interests of the menttees withhiin the college community

COMITTEE & VOLUNTEER EXPERIENCE

Monthly Charity Program - PT Solusi Intek Indonesia

2024 - on going

- Participated regularly in monthly charity activities organized by PT Solusi Intek Indonesia
- Assisted in preparing and distributing donations to communities in need
- Collaborated with company staff and fellow volunteers to ensure smooth execution of charity events

SKILLS HIGHLIGHT

- **Technical:** Microsoft Office, Autocad, Easyeda, programs (C/C++, Python), Electrical Instalation, Measuring and calibration tools, Microcontroller
- **Interests:** Electronics design and prototyping, Technology innovation and automation
- **Others:** Work as a team or individually, Able to manage time effectively, Respontibility, Easily adapt to new environments