

Rahmat Satyawan

Electronics Instrument | Health Safety Officer | Web Developer

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SUMMARY

A generalist with 2+ years of experience in nuclear safety in many industries. Enthusiastic and generalist highly-interest about nuclear electronics instrument and safety, automation industry and technology. A tech enthusiast now learning and seeks a career switch in tech industry.

EXPERIENCE

PT. Inosoft-Sinergi Peta Sejahtera

Bootcamp Front End Developer-VueJS

(Dec 2022 – Mar 2023)

- Learning HTML/CSS/VueJs
- Learning CSS Bootstrap and Tailwind
- Learning Vuex and Vue Router
- Involve in Final Project use Laravel VueJs

PROA React - Teknoblox

PROA Digitalent-Kominfo

(Mei 2022 – Aug 2022)

- Learning HTML/CSS/ReactJs
- Learning JavaScript Fundamental
- Learning React State Management

PT. Java Experts Indonesia

Intern Front End ReactJS

(Apr 2022 – Jun 2022)

- Has good knowledge and skills in HTML, CSS
- Involve build dashboard project use ReactJS,
- Involve daily planning and task use Trello

PT. Thai NDT Indonesia-Kep.Riau

Radiation Safety Officer

(Aug 2021 – Jan 2022)

- Conduct safety and supervise safety radiation
- Conduct daily measurement radiation in storage and site
- Conduct paperwork and site safety for radiation, such as Permit, JSA, PPE and Emergency Tools
- Involve preparing and fulfillment document for Monthly Internal Audit by PT Saipem

PT. SMS for Astra Infra Port – Kalimantan Timur

Radiation Safety Officer & HSE Support

(Jul 2020 – Apr 2021)

- Conduct safety and supervise safety radiation
- Conduct daily measurement radiation in storage for MPFM Module
- Conduct HSE Support act as HSE Officer in site and office such as HSE Induction, PTW Register, HSE Inspection and others

PT. Russindo Expertiza Inspekciya – Riau

Radiation Safety Officer & Engineer Inspector NDT

(Nov 2018 – Nov 2019)

- Conduct safety and supervise safety radiation
- Perform, Evaluation and Reporting NDT (MT, PT, RT, UT)
- Act as Project Admin at site to maintain work standards, timelines and budget
- Research and developed DJI Drone for UT inspection
- Prepare Product Development Division such as, proposals, cost estimates, specifications etc.

PT. Badak NGL – Kalimantan Timur

Internship at Instrument Maintenance Dept.

(Jul 2017 – Sep 2017)

- Conduct root cause analysis for accident fail trip system at cooling water
- Participate to performing preventive maintenance and routine inspections
- Participate to performing turn around maintenance
- Participate to conduct testing and maintenance on DCS and PLC

SKILLS

General Skill

- Office Software (Microsoft Office, Trello, Meeting Software, Google Workspace)
- Organization and Communication skill
- Teamwork and communication skill

- Business and Product Development skill
- Analytical thinking and always learning
- Dedicated to completion of tasks in a timely manner and with regard to quality.

Electronics Instrument Skill

- Microcontroller (Zilog, ATmega, Arduino)
- Conduct Automation (PLC, DCS Yokogawa, LabVIEW)
- Instrumentation (Proteus, Altium Designer, MATLAB, Cisco Packet Tracer)
- Programming Language (Arduino, C#, Delphi, Visual Basic, JS)
- Software Graphic Design (Photoshop, CorelDraw)
- Basic CAD (AutoCAD, SolidWorks, Sketchup)
- Development product of DJI Drone Matrice for Inspection
- NDT Inspection (MT, PT, RT, UT, FLIR IR)
- Instrumentation Tools (Oscilloscope, Signal Generator, Power Supply, Megger Test etc.)
- Analysis and troubleshooting of A/D electronic systems

Health Safety Skill

- Nuclear Instrumentations (SCA&MCA, XRF, Gamma Camera, X-ray etc.)
- Radiation Safety Officer and HSE Awareness
- Risk Assessment and Emergency Response
- Safety regulations and compliance
- Incident Investigation and Safety Culture

Web Developer Skill

- Programming Language (Arduino, C#, Delphi, Visual Basic, HTML&CSS)
- Bootstrap, Tailwind
- ReactJS, VueJS
- NodeJS, PHP,
- MySQL, NoSQL
- Git, GitHub, GitLab
- Consume API use Axios

EDUCATION

Sekolah Tinggi Teknologi Nuklir - (GPA 3.63 Of 4.00)

Bachelor's degree (S.ST)

(Sep 2014 – Aug 2018)

D-IV Nuclear Physics Engineering – Electronics Instrumentation

Final Project: "The Design of 2in1 Geiger Muller and Single Channel Analyzer based on Arduino"

ORGANIZATION

HIMA Elins STTN

Member of Internal Division

(Feb 2016 – Feb 2017)

BEM STTN

Member of PSDM Department

(Feb 2015 – Feb 2016)

TRAINING AND CERTIFICATE

React Js Web Frontend -Jabar Coding Camp

Jabar Coding Camp

(Apr 2022) (No Exp date)

Managing Safely - IOSH

TWI Middle East

(Apr 2022) (No Exp date)

K3 Umum – Kemnaker RI

PJ3K PT IMP

(Jul 2021) (No Exp date)

Radiation Safety Officer – Industry Level I

Bapeten

(Jul 2021 – Jul 2024)

MT & PT NDT Level II

PT Russindo - ASNT

(Dec 2018 – Dec 2023)