



# ANU SAKPIBAL

Test Development Engineer

## DETAILS

Chon Buri, Thailand

[nuhundred@gmail.com](mailto:nuhundred@gmail.com)

+66989927739

## PROFILE

I am a Test Development Engineer with hardware and software design, development, and testing expertise. I have strong skills in programming languages like Python, LabVIEW, C#, C, and C++, and in creating functional testers that meet industry standards such as IATF 16949. My experience includes web development with HTML, CSS, JavaScript, ReactJS, SQL, .NET, and NodeJS, as well as using GIT for source control.

I specialize in automating test systems, data analysis, and improving manufacturing processes, utilizing tools like CPK, SPC, MSA, and Gage R&R. I enjoy collaborating with teams to solve problems and enhance efficiency, managing projects from start to finish with a focus on quality and cost control.

## EMPLOYMENT HISTORY

### Test Development Engineer, Kimball Electronics (Thailand), Chonburi

JULY 2018 – PRESENT

- Developed and debugged functional test systems using LabVIEW, Python, C/C++, C#, and web development tools like ReactJS, CSS, and HTML to optimize production line efficiency.
- Followed project management best practices while creating test tools and interfaces, ensuring adherence to timelines and requirements.
- Automated control and maintenance of electronic test systems, including testers, fixtures, and software, to meet project specifications and deadlines.
- Led troubleshooting efforts to identify root causes of test failures and implement effective fixes.
- Collaborated with customers and suppliers to resolve technical issues related to tester design, maintaining project schedules and budgets.
- Provided technical support to manufacturing, quality, and materials teams, prioritizing tasks to achieve project goals.
- Utilized Power BI and Python for data analysis, resulting in a 15% improvement in product yield.
- Integrated MES software to automate data collection, reducing manual data entry errors by 25%.
- Worked closely with cross-functional teams to ensure a smooth transition from prototype to mass production.

### Test Development Engineer, Celestica (Thailand), Chonburi

JUNE 2015 – JULY 2018

- Built automated test systems for electronic products, focusing on high-quality production.
- Collaborate with cross-functional teams to ensure that testers meet reliability goals and specifications.
- Automated test setups using Python and LabVIEW, increasing accuracy and cutting test time by 20%.
- Supported new product introductions by setting up test equipment and procedures.

- Utilize project management skills to plan and manage costs.
- Provide technical support to the production team, including troubleshooting engineering changes and fixing fault or failure issues.
- Work with other engineering teams to achieve project goals.

### System Engineer, Canon (Thailand), Prachin Buri

AUGUST 2014 – JUNE 2015

- Managed SQL databases to keep track of production data and ensure quality.
- Built tools in C# to monitor production lines in real time, allowing faster problem-solving.
- Worked with production teams to set up new processes and improve existing ones.

### Network Engineer, Mobicrate, Bangkok

APRIL 2014 – AUGUST 2014

- Design, implement, and manage network operations to support the customer.
- Analyzed and fixed network issues to ensure smooth operation.
- Create and execute plans for implementing efficient network solutions
- Provide technical support and problem-solving assistance to related teams as needed

## EDUCATION

### Bi-Eng Computer Engineer, Kasetsart University, Chonburi

MARCH 2010 – APRIL 2014

Senior project : Home Automaion, in concept IoT use android device  
control Electronics device

### High School, Sriyapai, Chumphon

MARCH 2009 – MARCH 2011

Math-Science

## LINKS

github: <https://github.com/nuSapb>   medium: <https://medium.com/@nunabnan>   [LinkedIn](#)

## SKILLS

Customer Service	Microsoft Office
Computer Skills	Communication
Leadership	Data Analysis
Full Stack Web Developer	Embeded System
Coding	Internet of Thing (IoT
Agile Project Management	

## HOBBIES

Camping, Craft beer, Reading

## COURSES

Non-Degree AI and Robotic, Kasetsart Univercity

Full-Stack Developer, Thai Programmer Ascociation

introduction to data science and machine learning, Digital Academy Thailand

## LANGUAGES

English

---