

RESUME



MR.KAMPANATH KAPPAGO(นาย กัมปนาท กัปโก) E-mail cosineman@gmail.com Tel. 082-918-3868

290/259 หมู่บ้านสุภาลัยร่มเกล้า อ.ร่มเกล้า เขตมีนบุรี จ.กรุงเทพมหานคร 10510 Age : 39 Religion : Buddhism Military : Free Sex : Male Date Of Birth : October 15,1983 Marital Status : Single Own vehicle & Driving License

FULL STACK DEVELOPER EXPERIENCE

Web Application With Angular8 + Node.js + ASP .NET CORE + SQL SERVER Training Course (5 days)
Restaurant [Web Code](#) (React, TypeScript , Bootstrap) Clone design from [Resident](#)
Web App For Support Test System [Web Code](#) (Angular, TypeScript, Bootstrap, ASP.net, C#, MSSQL, mySQL)
Web App For Online Shopping [Web Code](#) (Angular, TypeScript, Bootstrap, ASP.net, C#, SQL)

PORTFOLIO

[Portfolio Kampanath Kappago](#)

EXPECTED SALARY

48000 Baht or negotiation

EDUCATION

King Mongkut's Institute Of Tecnology Ladkrabang (KMITL)

Bachelor Of Engineering, Major in electronics, GPA 2.40

2003 - 2007

Navamin Tarachinutich TreamUdomsuxsa NoamKloaw School (น.ต.อ.น.) (N.T.U.N)

1999 - 2002

(โรงเรียนนวมินทราชินูทิศ เตรียมอุดมศึกษาน้อมเกล้า), GPA 3.3

TECHNICAL SKILLS

NI (National Instruments) → Labview, Vision Builder, Vision Development, NI-MAX, NI-DAQ, USB-8451, USB6501, TestStand

Test Equipment → Oscilloscope, Digital Multimeter, , Signal Generator, Handheld multimeter, Power Supply

Web Application → Angular, React ,Node.js ,ASP.NET Core , SQL , MySQL , Bootstrap , HTML , CSS , ,Javascript, MongoDB, TypeScript

Programming Language → C# , JAVA ,C++ , C , VB6 , VHDL , Assembly (MCS-51), AutoIT

Embedded System → Arduino, PIC24 , MCS-51 , FPGA , Embedded Linux, Raspberry pi, Ubuntu Linux

Electronics → Analog And Digital Circuit , Semicondector Device , Soldering , Altium , Protel , PCB Layout

WORK EXPERIENCE

Freelance

Aug 2020 to Present

Software Developer (Software Game, C#)

- Develop PC game to sell on steam (steam, the largest digital distribution platform for PC gaming) [LINK](#)
- Develop mobile game for android and apple(both paid game and free game with advertisement) [LINK](#)
- Usage Tool
 - C#, Unity3D game engine, Blender for create or edit 3D model, Inkscape for create or edit image file, Audacity for audio

Benchmark Electronic Thailand

Dec 2017 to Aug 2020

Test Software Development Engineer, Salary : 46000 [LINK](#)

- Develop test software for PCBA functional testing (C#, VB ,Labview , NI Image processing)
- Develop vision inspection software for finish assembled product (NI Visual Inspection, NI Visual Development)

Example Project

- Test Program Porting for Emerson Mobrey (Ultrasonic Liquid Level Transmitter) (porting test program from VB to Labview + USB6501 Digital IO) To measure test with signal generator, digital multimeter and oscilloscope.
- Test Program Development (AOT) for Emerson Rosemount (Petroleum Industrial LCD) (Teststand + Labview + NI Vision Development Module + USB-8451 I²C/SPI Interface Device) For vision inspect product 's LCD panel pattern. Also test for voltage and current usage with digital multimeter.
- Web Application for report test result and edit test parameter (GPS module product) (Angular + ASP.Net Core(C#) + MSSQL + MySQL + JavaScript)
- Test Automation Software for Emerson VIM2 (IO simulation device) (Labview + NI Vision Development Module + Autoit) for automatic control many program to test as test plan without operator to operate it while testing. Because previous test system require many program and many procedure to test the unit and have very long test time (about 20 minute). New test system also provide vision inspection for LED pattern blink check.
- Vision Inspection Development (AOI) for Seagate (hard disk drive) (NI Vision Builder + Labview) For vision inspect product's label. Inspect text, logo, signs, check serial number part number with database, compare barcode with OCR reading .

Microchip Technology Thailand

Feb 2014 to Dec 2017

Product/Test Engineer

- Test program maintenance and release (Visual Basic 6) (PIC 16 bit MCU Product)
- Coordinate with test engineer and product engineer at philippines and America
- Test hardware releasing (probe card , strip test and singulate load board)
- Training at microchip philippines for 1 month (PIC 16 bit Microcontroller test mode programming)
- Conference call with america and philippines 2 time per week

UTAC

Nov 2010 to Jan 2014

Test Development Engineer

- Develop IC test Program for each customer(Visual C++) (Temperature sensor IC, LED driver IC)
- Design electronics circuits (load board) for IC test process on customer request
- Communicate with America customer (Atmel) , Korea (Magnachip) , Take care customer when they visit factory
- NEXTEST: Maverick PT tester machine, Credence TMT ASL1000 (VisualATE) tester machine
- Training at teradyne philippines for 1 week (Magnum tester machine)

Toshiba Semiconductor

Oct 2007 to Nov 2010

Test Process Engineer

- Test Program Debugging (Visual Basic 6) (Light sensor, Toslink (Optical Transmitter Module))
- Test process yield improvement and action plan
- Failure analysis of test machine, Quality control.

ACHIEVEMENTS

- Web Interfacing With Embedded Device Demo (Embedded Linux MINI2440 , C++ , html) [LINK](#)
 - Embedded linux connect IO with button, ADC slider knob, LCD module and use web server inside embedded linux
 - Show button status(ON/OFF), Analog to digital slider knob level, LCD module text on web page
 - From web page, can send text to show on LCD module
- Survey Robot [LINK](#)
 - Senior project , Wireless Control from visual basic program from PC ,Assembly language with MCS-51
 - Visual basic program can show real time video from survey robot (from camera installed at robot)
 - Visual basic program can show robot travel history (like x-y graph), get data from hall magnetic sensor and optical encoder
 - Show temperature from survey robot from temperature sensor IC
 - Microcontroller MCS-51 get data from all sensor , calculate and send/receive data as package via ASK modulation IC

TRAINING AND CERTIFICATIONS

- 2019 Web Application With Angular8 + ASP .NET CORE + SQL SERVER Training Course (5 days)
- 2018 Labview Core 1-2 (5 days , NI Thailand)
- 2016 Microchip PIC 16 bit Test Mode Programming (1 Month ,Microchip Philippines)
- 2012 VLSI Analog IC Testing Programming Training Course (5 days, Teradyne Philippines)