Gareth Keys

Senior Field Service Engineer/Software Developer

CAREER OBJECTIVES

I am an Engineer with an Electrical and Electronic Engineering degree and 16years proven experience in the field. For the past year I have been developing myself further to pursue a career in Software Engineering/Development.

SPECIALIZATIONS

-Troubleshooting and problem solving
- Field Service Engineering
- Customer service.
- Front-end development
- HTML5, CSS3 + Bootstrap
- Javascript
- Git + Github

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WORK SUMMARY

SENIOR FIELD SERVICE ENGINEER

Thermofisher Scientific. (formerly FEI) | 2010-present

- Conduct on-site installation and maintenance of complex high-value equipment and follow testing procedures to ensure proper working order.
- Provide troubleshooting and repair support for customers and other field service personnel.
- Cultivate and develop positive working relationships with customers, system users and company personnel.
- Provide training for customers and users on system maintenance.
- Act as a subject expert and resource for training/mentoring.

LEAD SYSTEMS INTEGRATION ENGINEER

ASML, Netherlands | 2007-2010

- Machine Father Engineering role for the Integration of multi-million Euro Lithographic Scanners worldwide.
- Evaluate and diagnose problems which occur, organize manpower/action plans and make appropriate repairs to get the system up and running again.
- Install ASML's Twinscan Lithographic scanners on customer sites worldwide, including equipment with new features, unload components, inspect for damage, assemble, align and test.

ACADEMIC BACKGROUND

FULL STACK PRO SOFTWARE DEVELOPER COURSE

Learning People Online | 2022-Present

- Completed Front End Development modules:
  - HTML5, CSS3, Javascript, Bootstrap, Git and Github.
- Front End Development project completed "design my personal portfolio website."
- Currently completing Advanced Front End modules with project:
  - Javascript, jQuery, ReactJS, Angular11 and frameworks.
- Final modules are Back End and Full Stack tools including:
  - Python, Django, and MySQL.

PGDIP IN ENGINEERING (ELECTRONICS SPECIALISM)

University of Ulster, Jordanstown | 2005-2006

- Subjects included: RF Circuit Design, Research Based Learning 1+2, Research Design Methods, C++ & Object Orientated Programming, Entrepreneurship (Engineering), Digital signal Processing, Quality Improvement.

BENG IN ELECTRICAL AND ELECTRONIC ENGINEERING

Queens University, Belfast | 2001-2005

- Subjects included: Computer-aided Engineering, Electric Power, Electric Instrumentation, Electrical Engineering Principals, Solid State Electronics, Professional Studies, Engineering Design Exercises, Communications and Information Systems, Control Engineering, Digital Systems, Further Mathematics, Signals and Systems, Fields and Waves, Analogue Circuit Design, Power Systems, Digital System Design, Integrated Circuit Engineering, Final Year Control Project.