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| **Giuseppe Buccino**  Senior R&D Engineer  at Pegasus B&I Services | ***CONTACT*** |
| |  |  | | --- | --- | | **Phone:** | **+44 7745 262532** | | **Address:** | **United Kingdom – Brighton** | | **LinkedIn:** | **www.linkedin.com/in/giuseppe-buccino** | | **Email:** | **info@giuseppebuccino.com** | |

*Throughout my career, I have worked in innovative companies engaged in electronics and electrical trade. I have worked in these capacities in both Australia and Italy. Thus, I have gained an understanding of different workplaces and cultural contexts. My broad technical knowledge of Electronic and Industrial appliances and my ability to work constructively within team-based environments have allowed me to become a valuable asset in the different organizations I have worked with.*

*I have a can-do attitude, a strong work ethic and I always strive to develop skills and gain knowledge to perform beyond expectations. My aim is to work for a company who promotes the philosophy to share and exchange technical knowledge and experience to enhance professionalism. I would like to therefore, pursue a long-term career. I firmly believe that I can contribute meaningfully to a serious and dynamic organization.*

*I am pursuing my dream to be a successful Engineer with outstanding grounding in electronics. In addition, I would like to continue to develop my skills and experience in Electronic engineering, embedded systems and A.I. .*

**Skills Summary:**

* Electronic Hardware and Firmware Engineer, 25 year as development and manufacturing Medical appliances and embedded system.
* Ability to work with several operating systems and RTOS, including Windows, Linux.
* Experience on repair and perform maintenance works , mechanical and electrical, on a variety of control system and equipment.
* Familiar with CAD software like Altium Designer- and Orcad SDT/PCB .
* Designing, full Hardware & software implementation and prototyping of microcontroller and SOC based embedded control system for Medical, Consumer and Industrial Market.
* Experienced in control, conditioning and filtering many different type of sensor: pressure sensor, Magnetic field, infrared and visible band, x-ray & near-infrared optical sensor, piezoelectric force/torsion sensor, Load Cells.
* Familiar with various embedded 8/16/32 bit micro-controllers/SOC and ‘C’ and Assembly language .
* Two Patent in Medical devices fully developed and still in production:
  + European Patent eu ITRM20010195 (A1)

[https://worldwide.espacenet.com/publicationDetails/biblio?FT=D&date=20021011&DB=&locale=en\_EP&CC=IT&NR=RM20010195A1&KC=A1&ND=4#](https://worldwide.espacenet.com/publicationDetails/biblio?FT=D&date=20021011&DB=&locale=en_EP&CC=IT&NR=RM20010195A1&KC=A1&ND=4)

* + European Patent eu ITRM20010197 (A1)

[https://worldwide.espacenet.com/publicationDetails/biblio?FT=D&date=20021011&DB=&locale=en\_EP&CC=IT&NR=RM20010197A1&KC=A1&ND=5#](https://worldwide.espacenet.com/publicationDetails/biblio?FT=D&date=20021011&DB=&locale=en_EP&CC=IT&NR=RM20010197A1&KC=A1&ND=5)

* Applications development for Business Intelligence, Manufacturing and Construction Industry.  
    
  Development of complex KPI Dashboards for business, production, crew and fleet management.  
    
  AgilePM Fundation certified – Cert IV and Diploma of Accounting.
* Passionate about new technologies, Intrinsic Safety and A.I.
* LOVE learn and refine my skills!

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| ***Experience*** |  |

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|  | Pegasus B&I Services Pty Ltd | | Jan 2018 to Present |
|  | | Senior R&D Engineer   |  | | --- | | IOT (Internet Of Things) and Business Intelligence Hardware and Software development.  Cloud based applications and KPI dashboards.  MQTT and Graphana on raspberry/linux.  Autonomous Embedded system for use on field with long range radio communication .­ | | |

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|  | Sublime Air Service Pty Ltd | | Apr 2018 to Dec 2018 |
|  | | Senior Technical Consultant  Applications development for real time business and on-field data acquisition used for manufacturing and productivity tracking.  Project oriented on-field mobile and desktop applications for data collection on the cloud like materials take off, % of project completion, productivity calculation, GPS localization and tracking.  Dashboards with KPI (Key Performance Indicator) like Productivity (daily, overall, by stage), % of completion, Quality and Safety performance.  Real-time backup and reporting system to retrieve data and reports in worst case scenario using DropBox and Cloud servers with encrypted data.   |  | | --- | | ­ | | |

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|  | Energy Dynamics Pty Ltd | | Mar 2015 to Apr 2015 |
|  | | Software Engineer  PLC software development for Solar Farm Control   |  | | --- | | ­ | | |

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|  | B.I. s.a.s. | | May 2009 to Mar 2012 |
|  | | Industrial Design Engineer  Design and setup Burning implants and various embedded control for:  > RIVA STEEL Factories - Caronno Pertusella Italy, > RINA Society - Geneva - Italy > SNAMPROGETTI (SAIPEM from 2008)  see reference letter   |  | | --- | | ­ | | |

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|  | Digital Solution | | Mar 1989 to Dec 2011 |
|  | | Design Engineer  Activity: Electronic Design Engineer and from 1996 also Design & manufacturing About 600 design realized, mostly both hardware and software. Sector: > Automation > Food production and Zootechnics for UNILEVER Industrial > Medical and diagnostic devices > Aesthetic devices  Duties: > Design Electronic circuit diagrams > Schematic and Pcb circuit design with CAD, Orcad and Altium mostly > Embedded Microcontroller software design in Assembler and ‘C’ > Consumer Electronics devices design > Manufacture supervision and management > Medical Devices Certification   |  | | --- | | ­ | | |

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|  | Re S.p.A. | | Mar 1989 to Mar 1990 |
|  | | Industrial Design Engineer  Pharmaceutical Industry production machine design. see reference letter and links. Design realized for final customer Officine F.lli Ronchi SpA | |

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| ***Education*** |  |

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|  | I.T.I.S. "A. Einstein" Vimercate - MB - ITALY | | 1981 to 1986 |
|  | | Bachelor degree  5 years - 40h/week degree with workshop in :  Mechanics, Electrotechnology, Electronics and Automation. EU recognized as Industrial Engineer degree.  Responsabilities are: Planning, design, development, project management, testing and environmental impact estimation of works, machinery systems and equipment related to the sector. In particular: plants for energy production, processing and distribution, industrial and technological systems and processes, equipment and instrumentation for diagnostics and testing.   |  | | --- | | ­ | | |

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|  | Cass Training International College Pty Ltd RTO n. 90309 | | 2014 to 2016 |
|  | | Diploma  FNS50215 DIPLOMA OF ACCOUNTING   |  | | --- | | ­ | | |
|  | | Certificate IV  FNS40611 CERTIFICATE IV IN ACCOUNTING   |  | | --- | | ­ | | |

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| ***Skills*** |  |

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|  | Electronics Hardware Design, Medical Appliances Design, Testing & Debugging, Software Integration, Custom Software Development, Electronics, Automation, Failure Mode and Effects Analysis (FMEA), Intrinsic Safety, Printed Circuit Board (PCB) Design, Microchip PIC family, Firmware development, Fuzzy Logic, Heuristic algorithms, PID, Control Systems, Microsoft Office, Electronics Manufacturing, KPI Dashboards, Strategic Planning, Smartsheet, Klipfolio, Google Maps API, Dropbox API, Agile Project Management. |

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| ***Languages*** |  |

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|  | English, Italian, Spanish, Greeck |  |

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| ***Certifications*** |  |

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|  | AgilePM® Foundation | | Aug 2018 |
|  | | APMG International   |  | | --- | | ­ | | |

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|  | WHS Induction - White Card | | Nov 2013 |
|  | | Narbil Training & Consulting Services   |  | | --- | | ­ | | |

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| ***Recommendations*** |  |

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|  | Marco Conti | | 11/09/18, 1:20 PM |
|  | | Director, Aussie Pharma Pty Ltd  Giuseppe does his best to work diligently. | |

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|  | Marco Conti | | 4/13/18, 4:40 PM |
|  | | Director, Aussie Pharma Pty Ltd  Giuseppe takes seriously his work commitments and has high ethical standards. | |