Julian Shaw

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Profile

Resourceful and goal-oriented professional with extensive experience in engineering and quality control. Skilled in technical problem-solving, project management, and quality assurance. Brings a solid background in developing innovative solutions that enhance operational efficiency and improve system functionalities.

Professional Qualifications

- Agile Expert Certified (AEC)
- Certified SCRUM Master (CSM)
- ISO 9001: Quality Management System Certification

Education

- **MSc Information Technology**, University of Liverpool (Jan 2003 – March 2006)
- **BSc Computer Science**, University of Massachusetts, USA (Sep 1981 - June 1985)

Employment History

- **Saudi Aramco, Dhahran, Saudi Arabia** (2008 - 2018): Control Systems Estimate Engineer

  - Wrote and maintained technical specifications for Process Control systems.
  - Developed internal estimating tools and project estimates for Process Control systems.
  - Developed web-based applications for material distribution and project safety management using Angular, ASP.NET MVC, and SQL Server.

- **GlaxoSmithKline, Worthing** (Jan 2003 – March 2006): Site Automation Engineer

  - Coordinated implementation of Lean Sigma strategies and maintained DCS facilities.
  - Ensured all green field DCS projects adhered to QA and GAMP (Good Automated Manufacturing Practice) guidelines to meet regulatory standards and improve project quality.
  - Developed and implemented quality assurance protocols and audits for new DCS installations, ensuring compliance with both internal and external quality standards.
  - Completed ISO 9001 training for quality assurance.

- **Honeywell Control Systems, Bracknell** (Sep 2002 – Dec 2002): Project Engineer/CL Programming Engineer

  - Designed DCS graphics and configured control systems for an oil refinery upgrade project.
  - Developed and executed test plans and scripts to identify and document software defects.
  - Developed and implemented quality assurance processes and procedures to ensure software quality.
  - Developed and enforced software coding standards for engineering teams.

- **ABB/LALCO, Saudi Arabia** (Dec 2000 – Aug 2001): Lead Engineer, DCS Department

    - Led a team of Instrument Engineers on a gas upgrade project, developed control system specifications.

- **Honeywell Turki Arabia Ltd, Saudi Arabia** (Nov 1998 – Dec 2000): Project Engineer

    - Implemented control system software and designed TCP/IP service programs.
    - Lead Engineer for all Aramco DCS projects.

IT and Developer Experience (back-end details)

- **Real Digital International** (2023 – Jan-Jun): Contract Developer

    - Supported development in Angular and C# for in-house projects.
    - Led the design and implementation of a stock tracking system that integrates barcode scanning technology for real-time inventory management.

- **Zeolite Technology** (2018 - 2024): Lead Developer

    - Developed a rental platform and automated trading bots for FX and stocks using C#, Python, and various APIs.

- **Micros Fidelio, Slough, UK** (Dec 2007 – Aug 2008): Senior/Lead Programmer

    - Led a team developing web portals, Web Services, and technical specifications for outsourcing.
    - Developed automated test suites to ensure quality and accuracy of software features.
    - Utilized debugging tools such as Firebug and Chrome DevTools to identify and address issues.

- **Autodata**, Maidenhead, UK (Mar 2006 – Dec 2007): System Analyst/Software Developer

    - Designed, specified, and tested software systems using Agile and UML methodologies.
    - Completed ISO 9000 training.

Interests & Hobbies

Keen interest in IT, engineering, current affairs, and sports, including badminton, squash, and hockey.