

Julian Shaw

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Profile

Resourceful and goal-oriented professional with extensive experience in engineering and IT. Skilled in technical problem-solving, project management, and effective communication. 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)
 - Microservices Architecture Certification (UDEMY)
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IT Skills

- **Programming Languages:** C#, Angular 17, TypeScript, ASP.NET Core 8, LINQ, SQL, JavaScript, HTML, MOQ, XUnit, Jasmine Unit Testing
 - **Design Methodologies:** SCRUM, Agile, TDD, GOF Design Patterns, Microservices
 - **Design Patterns (GOF):** Singleton, Factory, Observer, Strategy, UOW, Repository
 - **DBMS:** LINQ, PostgreSQL, Entity Framework, MS SQL Server, MySQL
 - **Cloud Technologies:** Azure, GitHub Actions
 - **Operating Systems:** Windows, LINUX, IOS
 - **Communications:** Web Services, TCP/IP, Cisco Routers, Cyber Security
 - **Proficient in Microsoft Office Suite** (Project, Excel, Word, Access)
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Education

- **MSc Information Technology**, University of Liverpool (Jan 2003 – March 2006)
 - **BSc Computer Science**, University of Massachusetts, USA (Sep 1981 - June 1985)
 - **IBM**, Generative AI: Introduction and Applications (2023)
 - **Coursera**, Neural Networks and Deep Learning (2024-Ongoing)
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Employment History

Carib Condominiums Gate Management Security System (Aug 2024 - Present): Developer

- Developed a comprehensive gate management system using Angular, Firebase, Python, and Home Assistant automation.

- Implemented real-time gate monitoring, security camera integration, and automated visitor logging.
- Integrated with Home Assistant for seamless automation of security operations.

CTRC Services (May 2024 - Aug 2024): Full Stack Developer

- Led the development of a comprehensive portal to showcase company offerings, including career management and administrative functionalities.
- Utilized Angular 18 for the frontend, creating an intuitive and engaging user interface.
- Leveraged .NET 8 for backend development, ensuring high performance and scalability.
- Deployed the application on Azure, optimizing cloud capabilities for reliable performance.
- Integrated CI/CD pipelines with GitHub Actions, enhancing development efficiency and rapid deployment.

Bookerja.com (July 2023 - July 2024): Full Stack Developer

- Developed and maintained an Angular .NET Azure application for managing Airbnb bookings.
- Integrated secure payment processing, booking management, and user-friendly interface to facilitate host and guest interactions.
- Optimized cloud infrastructure with Azure for high performance, scalability, and security.
- Implemented CI/CD pipelines to automate deployments and testing.

Real Digital International (Jan 2023 - Jun 2023): 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.
- Significantly improved stock accuracy and operational efficiency, leveraging Angular for the frontend and C# for backend services.

Zeolite.tech (2018 - Aug 2021): Subcontractor for Aramco

- Wrote and maintained safety systems for Aramco under subcontract with Zeolite.tech after leaving Aramco.
- Enhanced existing safety applications, ensuring compliance with international safety standards.
- Collaborated with cross-functional teams to deliver reliable and scalable solutions.

Saudi Aramco, Dhahran, Saudi Arabia (2010 - 2018): Application Engineer in the Project Support & Controls Department

- Developed various systems using Angular, Material Design, Flex Framework, WebAPI, Bootstrap, ASP.NET MVC, and SQL Server.
- Developed a web-based application for managing the distribution of materials and supplies to projects.
- Developed a Project Safety Management System used by 25,000 users globally, developed using ASP.NET MVC, WebAPI, and SQL Server.

Saudi Aramco, Dhahran, Saudi Arabia (2008 – 2010): Estimate Engineer in the Project Support & Controls Department

- Developed internal estimating tools and project estimates for Process Control systems and IT communication.

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

- Led development teams, created web portals, Windows applications, Web Services, and technical specifications for outsourcing.

GlaxoSmithKline, Worthington, UK (2003 - 2007): Programmer

- Developed a Delphi application for managing the distribution of materials and supplies to projects.
 - Served as support engineer for all automation systems, including DeltaV, Provox systems, and PLCs.
 - Developed an Effluent Management System controlling the discharge of waste material into the sea, utilizing Delphi, OPC, and RS232 communication.
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Interests & Hobbies

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