Jon Urry

Full Stack Web Developer

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Profile

A customer-focused, technically proficient, pragmatic software developer with 21+ years of commercial experience. Leads by example. Employs exceptional analytical and problem-solving skills to deliver a competitive advantage.

Driven by a passion for crafting quality code solutions, learning new web technologies, collaborating and sharing knowledge, challenging myself and improving every day.

I am completely refreshing and modernising my technical skill set. Having worked too long with 'old' tech I am determined to never let my skills get stale again. I'm looking for a junior role where I can consolidate my new knowledge and grow rapidly, adding value wherever possible.

Projects

For a complete list, see my GitHub Repositories

Project	Description	Technologies
Portfolio	Static website about me and my work.	Bootstrap, Google Fonts, SVG Animation, AWS Lambda Email Service, jQuery, JS, HTML, CSS
IOTA	Designed web application and implemented database for Bluetooth interoperability testing that helped attract new customers more than doubling annual revenue to £2 million.	SQL Server, ASP Net MVC, SSIS, SSRS, C#
RadioRoom	Maker's Academy Final Project (team of 4, 12 days). A music web application. Search, listen, share, sync and discuss music in a collaborative space. GitHub	React, Node, Express, WebSockets, Bootstrap, Jest, Enzyme, Cypress, Spotify API, Travis, Heroku
Polar	Analyse Strava activities against a Polar training plan. GitHub	Strava API, Gatsby, React, GraphQL, Nivo, Jest, Netlify, IFTTT
React Minesweeper	React implementation of the classic Minesweeper game. GitHub	React, JS, ES6+, Modules, Mobile First, Responsive, Material Design, Jest, TDD, Grid, CSS3, SVG, Icons
Black Box	An abstract board game where the location of 'atoms' is deduced. GitHub	JS, ES6+, Responsive, Grid, Flex, Jest, MVC, SVG, SASS
AWS Lambda Email Service	Serverless email service built using AWS, Lambda Function, Node.js, and Simple Email Service (SES). GitHub	AWS, Lambda, Node.js, SES, Serverless Framework
Velo Studio	An online e-commerce store selling cycling inspired t-shirts with panache! I designed all of the t-shirts and created the website.	WordPress, WooCommerce, Storefront, On-Demand Fulfilment, Drop Shipping, Drip (eMail Marketing), Stripe (Electronic Payments), SEO, Facebook Shopping, Social Media, Facebook Ads, IFTTT

Skills

Problem Solving

He's a natural problem solver and is able to take on and successfully deliver some of the most challenging engagements out there… I can't recommend Jon enough.

<div align="right">Jason Spencer Director, Financial Advisory, Deloitte</div>

- Excellent ability to analyse requirements, identify problems and solve them with elegant software.
- Solved challenging and complex business problems. E.g. Interoperability of software versions. Others had abandoned this problem in the past only for me to succeed.

Leadership

Jon proved to be incredibly helpful and knowledgeable. He always had an efficient strategy lined up to make our work go smoothly and was excellent in communicating his ideas to the rest of the team. I learned from him just by watching the way he approached a problem.

<div align="right">Hitesh Mistry Senior Software Development Manager, Bentley Systems</div>

He introduced the concept of agile development in our company and guided us with methodologies to follow. Not only he is always willing to share his knowledge, but he is also eager to learn new things and welcomes new ideas/views in very positive ways. As a senior he brings the best out of his juniors in most considerate manner. I am thankful to him for helping me grow as a professional, and truly admire him as a mentor.

<div align="right">Prashant Sharma Technical Architect, Ulysses Systems</div>

- I have the communication and emotional intelligence skills, founded with self-awareness and empathy, required to help others grow.
- Recognize that identifying the real issue behind the symptom, whether technical, business or people-related, is often the most important step towards a successful outcome.

Delivering Business Value

Jon can define and create business technology solutions that will deliver a competitive advantage.

<div align="right">Andor Miles-Board Marketing & Business Development Manager, NextGen Technology</div>

- Designed and implemented dozens of SQL Server reports to delivering business-critical information on-demand saving many hours of work every week across the company.
- Designed and implemented an audit solution that enabled process inefficiencies to be highlighted and provided real metrics for accurate customer quotes.
- Realized fully automated build tool. Significantly reduced labour costs (converting a 2-day manual task to a 1-hour automated task) and improved quality by reducing human error.

Creating Elegant Software

He has exceptional analytical skills and could always be trusted to find elegant and creative solutions when presented with complex technical problems.

<div align="right">Stuart May Director, Product Management, Expedia.com</div>

Jon is an outstanding software developer who led the development of the most important product in our portfolio. This product is still striving 12 years later. A robust very rich product that is still ahead of its time.

<div align="right">Dimitris Lyras Managing Director, Ulysses Systems</div>

- Led a team of software engineers who envisioned, designed and implemented a multi-user document management system from scratch.
- Designed and developed a UI framework. Reusable solution saved many weeks of development work and gave the product a consistent look and operation.

Experience

Designed and implemented software used by *BP, ExxonMobil, General Motors, Ford, Hyundai, Kia, Peugeot, Citroën, Chrysler, LG, Jaguar, Land Rover, Bentley, Aston Martin, US Air Force and multiple airlines including Lufthansa, Cathay Pacific, Air China and Alitalia.*

Fellow, Makers Academy (Web Development Bootcamp), London (Aug 2018 - Jan 2019)

A 16-week intensive web development boot camp, focusing on:

- Test driven development and behaviour driven development
- Pair programming
- XP values
- Agile methodologies
- Object-oriented design

After the course, I helped out as an assistant coach by providing code reviews, pairing sessions and unblocking students that are stuck with technical problems.

Consultant Software Engineer at NextGen Technology Limited (2009 - 2018)

- Responsible for architecting, designing, developing and delivering software solutions to bring commercial savings and competitive advantage to clients.
- Creating XML generator for Ford Motor Company to power their global customer-facing websites.

Product Manager, Team Leader, Senior Engineer at Ulysses Systems (**1999 - 2009**)

- Responsible for 'Core Technologies' platform. Split 70% design/coding and 30% management.
- Promoted agile methodologies and helped define new and improved processes.
- Successfully led and managed a distributed team of software engineers in London, Mumbai and Chandigarh, delivering features on schedule and at a significantly reduced cost.
- Implemented many optimizations to dramatically increase software performance. E.g. improving complex filtering process from 100 minutes to less than 10 seconds.

Software Engineer, Integrated Sales Systems (**1999**)

- CRM software, C++, Oracle PL/SQL. Company acquired by Vodafone.

Analyst Programmer, TRO Learning UK (**1996 - 1999**)

- Designed, implemented and tested CBT applications, incl. $250k flight simulator for US Air Force.

Education

MSc Scientific Computing - University of Huddersfield (1996)

Postgraduate Diploma Software Technology - University of Hull (1994)

BSc Physics, Associate Royal College of Science - Imperial College, London (1988-1991)