Tim Stephenson

077988 67607 tim@knowprocess.com

Summary:

An experienced full stack developer focussed on business automation and digital transformation through software engineering. A consultative developer well-versed with multiple languages including Java, JavaScript, React and Python. Experienced running projects from end-to-end with a host of high profile clients including UK government and NHS.

Education:

2:1 Master of Engineering (Hons) from University of Manchester 1993-1997

Work Experience:

Feb 2013 - present: KnowProcess (Freelance)

Business automation and digital transformation consulting. Implementation of BPMN and DMN based software services. Highlighted projects below:

2019-2021 Several Government departments

- Defining software services to the Government Digital Service (GDS)'s Design Standard for user experience.
- Full stack development with Agile practices. Primarily Java backend and JavaScript front end.
- Security cleared.

Technologies: *Java 8 Spring Boot, Micro-services, JavaScript, Rest APIs, Keycloak, OAuth, OpenID, Angular, Postgres, BPMN, Docker, Kubernetes, AWS, OpenShift, Terraform, Helm*

2015-present Sustainable Reporting Portal for Greener NHS: https://srp.digital/

- Initial development was about a year with ongoing hosting and approx. 3 months enhancements and bug fixes per year.
- Built an online tool to report sustainability for all Trusts and Commissioners in England. Written in Java using Spring framework.
- Implemented Micro-services from monolithic architecture.

Technologies: *Java 8 Spring MVC, Spring Security, Spring Boot, JavaScript, JPA, Liquibase, JWT, Keycloak, Postgres, Reactive web app, d3.js, Linux, DMN, Docker, Kubernetes, Terraform, Helm*

2014-present Omny Link CRM and Workflow

- SaaS offering to SMEs
- Software as a Service offering lightweight CRM and workflow

Technologies: Java *Spring MVC, Spring Security, Spring Boot, JPA, Liquibase, JWT, Keycloak, MySQL, Angular, Linux, BPMN, Docker, Kubernetes, Terraform, Helm*

2014-2016 Discover North Somerset: http://discovernorthsomerset.co.uk/

- Initial development project of 6 months followed by hosting and minor enhancements over 3.5 years and then off-boarding
- A tourism site integrating Open Data server to web

Technologies: WordPress, HTML, CSS, AJAX, Open Data server (CKAN and Redbridge)

2013-2016 Climate KIC (start-up incubator at Imperial College)

- A software start-up for tracking and managing down carbon emissions. Ultimately transitioned to the SRP project work above.
  Java, Docker, Kubernetes ,Spring MVC, Spring Security, Spring Boot, JPA, Liquibase, JWT, Postgres, Reactive web app, d3.js, Linux Java,

Feb 2012 - Jan 2013: Technical Architect, Helveta

- Reporting to company board, responsible for design and delivery of next generation sustainable supply tracking product for timber industry.
- Initiated new product development team (offshore) and establishment of agile development practices.
- Mentoring to team leads on technology issues including hands-on and whiteboard activities and everything in between.

Dec 2010 - Feb 2012: Technical founder, pailz.com

- Team management solution
- Front end in Python (Django)
- Back end in Java hosted on Google App Engine
- Participant and editor on Workflow Management Coalition (WfMC)'s Business Process Simulation standard.

Jan 2004 - Nov 2010: Engineering Director, TIBCO Software Inc. (previously Staffware), UK

- Reported to VP of Business Process Management engineering team with frequent interaction with other engineering and marketing managers at SVP, VP and Director level.
- Driving force behind the award winning TIBCO Business Studio modelling environment from conception to v3, which, to quote a customer is "revolutionising what we can achieve with BPM"
- Regularly asked to speak to internal and customer audiences (2-200 people) on the BPM vision and how Studio facilitates it.
- Championed an Agile development culture of shared responsibility and continuous process improvement and test-driven development.
- Lead the team through the transitional period, mentoring each individual, especially the promotion of two into team leaders as the team grew.
- Product visions and roadmaps, requirements specifications, user guides and training materials.
- Responsible for all aspects of delivery of the vision for a BPM-SOA enabled solution for the Insurance market with the goal of an order of magnitude increase in deal size.
- Hired and formed a new delivery team to build out the solution. Jun 2003 - Dec 2003: Consultant at Hummingbird, UK

Oct 2001 - Mar 2003: Technical Specialist with Technology One, Australia

Oct 1998 - July 2001: Principal Consultant with Sybase Professional Services, UK

Aug 1997 - Oct 1998: Analyst / Developer with Admiral Computing, now LogicaCMG