



David Dupplaw

Full Stack Senior Developer

Address

Wimborne, Dorset

Mobile

Available on request

Mail

Available on request

Web

david.dupplaw.uk

Nationality

British

Languages

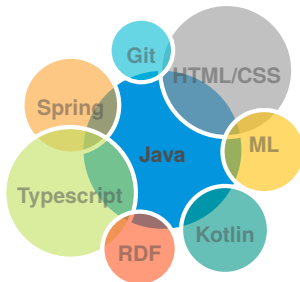
English ★★★★★

Enthusiastic, curious, open, knowledgeable, sharing, friendly, pragmatic, applied

Recent Experience

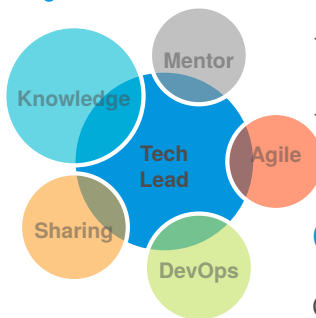
- 2018-present **Senior Software Engineer** [Siemens Mobility Ltd.](#)
Tech Lead and Architect on **service-oriented** system for a new traffic-light control algorithm. Working in **Java 8** and **Kotlin** with **Spring Boot** and **Kafka** using **TDD** and **BDD** methods. Full-stack, working from UI (**Angular 8**, **TypeScript**, websockets) to database (**JPA**, **PostgreSQL**, **GraphQL**). DevOps with **GitLab CI**, **AWS**, **Docker**. Mentoring a major part of my role. Agile Scrum.
- 2014-2017 **Senior Software Developer** [WDS/Conduent](#)
Tech Lead on **service-oriented** backend systems for a **machine learning** based dialogue and virtual assistant system. Using **Java**, **Grizzly (JAX-RS)**, **Javascript**, **Redis**, **MySQL**, **Docker**, **AWS**, **Ruby**. Agile XP.
- 2004-2013 **Senior/Research Fellow** [University of Southampton](#)
Worked on 5 distinct European projects, researching, designing and developing research software within European-wide collaborations, including:

</> Code Skills



- OpenIMAJ** Intelligent Multimedia Analysis in Java (2008-2014). Helping to design and implement parts of the **award-winning open-source Java library** for image, video and audio analysis.
- ARCOMEM** Intelligent Archiving on the Social-Web (2011-2014). Working on both the middleware architecture (**Java**, **Hadoop/HBase**, **Mercurial**, **Hudson**, **RDF/OWL**) with teams around Europe, and the image and video analysis (**Java**, **SVN**, **Jenkins**).
- MIAKT** Medical Imaging and Advanced Knowledge Technologies (2004-2006). Working in **Java/J2EE** building a service-oriented architecture for retrieval and interrogation of **RDF** medical data and imagery.

Team Skills



Education

- 1998-2004 **PhD in Computer Science** [University of Southampton](#)
Content-based Image Retrieval Using Scale-Space Object Trees
- 1995-1998 **BSc in Computer Science** [University of Southampton](#)

Other Technical Skills

- Code Skills** **knowledge to draw from** [Always Learning](#)
Svlete JS, jQuery/UI, npm/yarn, webpack/rollup, HTML/CSS/SCSS, Ruby on Rails, MySQL, RDF/SPARQL, REST, JAX-RS, Play!. Git/SVN; dependency tools Maven/SBT; Docker, GitLab CI and Jenkins; and working in Linux and Windows.
- Creative** **sharing knowledge** [Always Practising](#)
Powerpoint. RevealJS. Advanced photography and Photoshop. Advanced multi-instrumentalist including MIDI and audio sequencing. Advanced videography and post-production (Davinci Resolve) including online platforms.

Condensed resumé;
see my website for full information

