

Tim Pizey

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Professional Objective

To contribute to the success of a forward-looking organisation; advancing its goals using my leadership, software engineering, and project management skills.

I am particularly interested in the development of systems with lifetimes of many decades.

Having worked in remote teams last century I was well placed to formalise my current twenty five person distributed team's ways of working.

Software Engineering Manager

System ownership, Backlog and Roadmap ownership, Incident management, Team Formation, Distributed team management, Individual mentoring.

Team Lead

Standups, Retrospectives, Solution design, Code Review.

Project Manager

General Experience: Requirements capture, Estimating, Budget running.

Consultant: Open Source Software, Agile Development, Repeatable builds, Continuous Integration, Standards compliance.

Project frameworks: Prince2 Practitioner, Jira, Scrum, Github.

Developer

Java: Servlets (expert), J2EE.

Python: Django.

Frameworks: Spring, Struts.

View tier: GWT, JSP, Velocity, XPath, XSLT.

Web: HTML, JavaScript, CSS.

SQL: Postgresql (expert), MySQL (expert).

Persistence and ORM: Hibernate, Hyperjaxb, JAXB, XML, SGML, BerkeleyDB.

Testing: JUnit, Cucumber, PowerMock.

Configuration Management: git.

Continuous Integration and Build: Jenkins (contributor), Gradle, Maven (expert), Ant.

Continuous Delivery: Debian packaging, Jenkins promotions pipeline.

Systems Administration: Linux (expert), Amazon Web Services, Perl (expert), Mail - postfix, Exim, qmail, Tomcat, Jetty (expert), Heroku, Apache (expert), Puppet.

Tools: IntelliJ IDEA, Eclipse, Emacs.

Semantic Web: RDF, RDFa, Jena, NG4J (committer).

Employment History**Software Development Manager**

Elsevier

March 2019–

26 direct reports

Blending three teams into one distributed team based in the UK and five sites in India. Having hit a high water mark of 55% female I recruit to a gender balanced team.

Projects:

- Team formation: Blending a happy team with a disgruntled one.
- Technical Debt Discovery: Quite how bad is it?
- Backlog Ownership: Ensured that all tickets were current and imposed a strict assignment of remainder.

- Roadmap Ownership: Production of the Roadmap for my three systems from JIRA and negotiaton of priorities with the Product sponsor.
- Service Owner: I am responsible not just for the development but the running in production of my four systems.
- Moving EWII to AWS: Delivering on a five year project to move the Elsevier production engine (EWII) from on site to a colocation provider to AWS.
- Malware Scanning Management System: Design and implementation management of a system to ensure all digital assets are scanned for viruses.
- Trusted Pair of Hands: Taking on a high functioning team, without disturbing a gelled team.
- Refactoring a monolith: Refreshing and refactoring a MarkLogic monolith to a three teir architecture, without changing user experience.

Senior Software Engineer

Elsevier

March 2016–February 2019

15 direct reports

Team Lead of a distributed team based in the UK and three sites in India.

Projects:

- Jenkins Management: Management of common Jenkins Continuous Integration server.
- Git Goto Guy: Training in and trouble shooting the rollout of Git to both teams.
- Management of SonarQube: Setup of the rules in SonarQube, establishment of ways of working with SonarQube.
- Continuous Deployment to AWS

Development Lead

Elements Software

September 2015–January 2016

Team Lead of a UK and a Vietnam team. Two direct reports onshore, three in Vietnam.

Projects:

- Jenkins Management: Management of common Jenkins Continuous Integration server.
- Git Goto Guy: Training in and trouble shooting the rollout of Git to both teams.
- Management of SonarQube: Setup of the rules in SonarQube, establishment of ways of working with SonarQube.
- Containerised builds with Docker: Refactored builds to work within Docker.
- Continuous Deployment to AWS

Senior Development Engineer

Blinkbox Music

September 2013–May 2015

Membership of a team of engineers focussed upon code quality.

Projects:

- Jenkins Management: Management of Jenkins Continuous Integration server, including renaming all jobs, establishing change control of Jenkins configuration and plugins.
- Cucumber JVM: Retrofitting Cucumber tests, reviewed the book for Seb Rose.
- Management of SonarQube: Setup of the rules in SonarQube, establishment of ways of working with SonarQube.

Software Developer (Grade 8.6)

Oxford University, Department of Psychiatry

January 2013–August 2013

Membership of a small agile team of software developers using the both the Python/Postgresql/Apache/Linux stack and the Java/MSSQL/Tomcat/Linux stack to develop web applications.

Projects:

- Action Clinical Trial: Working with the Lead Developer using Python and Twitter Bootstrap to further develop the existing Minimisation and Pack allocation system for the Action clinical trial.
- OpenClinica Installation: Installation of an untailed instance of OpenClinica.
- Systems Administration: Responding to events and recording actions in the Department's Issue Tracker suitable for external audit.

Senior Web Database Developer (Grade 8.5)

Oxford University, Centre for Genomics and Global Health

November 2009–December 2012

Using the MySQL/GWT/XML/Apache/Linux stack to develop web applications.

Projects:

- Warehouse reporting: Using Latex, R and Java to publish graphs and a data dictionary.
- WWARN Repository: Using HyperJaxB and Spring to build a Data Warehouse.
- Jenkins Continuous Integration: Setup all projects to build and deploy using Maven under Jenkins.
- Chassis: A framework for global data-sharing between clinical research groups.

Project Officer (Grade 7)

Oxford University Computing Services

April 2009–October 2009

Development of an RDF backed location query engine delivering location based services to mobiles.

Projects:

- Gaboto: Take-on of the Gaboto Open Source RDF store by the introduction of tests and CI.
- Android Applications: Applications for the Google G1.
- Gaboto Update: RDF store update interface.

Systems Consultant

Champion Recruitment

October 2005–December 2008

Responsible for configuring and bespoke work on the Bond International Adapt system and web interface to it.

Projects:

- Onsite: Rewriting and restructuring a large ASP based web site. Generated Java JWebUnit tests.
- CLIPS Parser: A parser for the Adapt command language, using JavaCC, which identified a 30% error rate in delivered code.
- .NET website: Review and rewrite of .net website and data access layer.

Senior Java Developer

INSL Limited

May 2005–August 2005

Lead Java developer for the Spheriq email cleansing service. As lead developer I had overall ownership of the codebase and a mentoring role to the other three members of the team.

Projects:

- Audit Trail: Adding an audit log to all configuration change events.
- Continuous Integration configuration: Retrofitting Maven and Cruise Control to the existing project.

Proprietor

Context Computing

January 1994–June 2004

Between my MSc and 2004 (11 years) I was a Sole Trader.

Achievements:

- Recruited a distributed team of freelancers from Russia, Ukraine, Czech Republic and UK.
- Designed and implemented a project management and implementation portal.
- Part of the team that developed the Melati middleware layer.

Chief Technical Officer

Bibliomania.com

August 2000–

As CTO I managed a team of distance workers in addition to implementing and supervising the rollout and continued development one of the first online full text book websites.

Publishing Consultant

Thompson Tax

May 1996–February 1997

Working with Perl and SGML I wrote validation scripts for a large Tax Reference work.

Senior Technical Analyst

Catalyst Electronic Publishing

September 1994–May 1997

Recruited by the Technical Director I had responsibility for all project conversions. I also assisted in sales and defined the overall approach to most projects. The majority of projects were completed in perl.

Project Manager

*Vosper Thornycroft Support Projects Division
May 1982–June 1992*

In charge of a five million pound budget for programming labour and equipment. This post involved system design, hardware specification, negotiation with the lead contractor (British Aerospace, Warton), the MoD (Navy) and the end customer (Royal Saudi Arabian Navy) and its representatives (ex US Navy personnel).

Education

Practitioner in Prince2 - Project Management, November 2012
Best Practice LMS

Overall GPA: Pass out of Pass

MSc Module in Software Testing (Java), October 2012
Oxford University

Overall GPA: 92 out of 100

MSc Module in Functional Programming (Haskell), October 2011
Oxford University

Overall GPA: 89 out of 100

MSc in Artificial Intelligence, October 1993
University of Edinburgh

Subjects: Prolog, Knowledge Representation, Natural Language.

BSc in Neurobiology, July 1982
Sussex University

Subjects: Computers in Education (First), Poplog, Artificial Intelligence, Mathematics, Statistics.

Family

- . My wife and I have two daughters, aged twenty two and twenty.

Last modified August 2024.