Andrew Gelnar

Location	Kensington, Greater London, W14 8HW	**Phone**	(+44) 7947 973 974
		Email	andrewgelnar@gmail.com

Technologies

Advanced	Python, Bash, SQL, Oracle, Oracle PL/SQL, SQLite, Git
Proficient	Linux Environment (application support), RabbitMQ, Redis, memcache, Tornado (python)
Intermediate	Docker, Phabricator/Arcanist, Jsonschema, Linux (administration), Carbon (Statistics), python nose, Grafana
Basic	Kubernetes, Jenkins, docker-compose, CSS, HTML, JavaScript, JQuery, Java, PHP, C, Apache, LaTeX

Employment History

Jun 2012 -
May 2016

Geneity Ltd. (part of Playtech Sports)
Software Developer

- Maintained existing XML APIs based on relational data (Oracle & SQLite). Developed new pre-caching mechanism converting relational data into JSON documents using a key/value store (Redis).

- Worked extensively on internal libraries for loading data from relational databases (Oracle, SQLite) for use by CMS systems.

- Specified, designed and implemented full services to work within pre-existing systems, as well as designing and implementing new distributed systems.

- Involved in discussions about altering development work flows, specifically regarding SCM protocol (Git) for ease of development/test/release cycles.

- Spent some time working in the Dev Ops team, managing live environments, creation of releases, and deployment to test/stage and live.

- Extensive experience with 1st and 2nd line application support, both in-hours and out of hours. Managed diagnosing, fixing and patching issues on/to live environments.

- Involved in recruitment process, including conducting technical interviews. Training/Mentoring new starters, and managing/reviewing work.

- Joint management of a small development team.

- Daily communication with external integration teams from commercial customers, as well as a large amount of contact with non-technical staff in a support capacity.

Technologies used: Python, Tornado (python), Oracle, SQLite, Memcache, Redis, RabbitMQ, Bash, Jira, Git, Jenkins, Kubernetes, Docker, docker-compose, HTML, CSS, JavaScript, JQuery, XML APIs, JSON APIs, python nose

Education

2009-2012   BSc (Hons) in Computer Science 2:1 - The University of Manchester

Studied computer architecture, distributed systems, algorithms, logic and modelling, OOD, Java, C, SoC, ARM programming, HDL/Verilog, Microcontrollers, Relational Databases, Artificial Intelligence, Compilers,
Part of peer mentoring program PASS (Peer Assisted Study Sessions) and involved in organisation of mentoring programs as a PASS Coordinator.

2007-2009   Varndean College, Brighton

A Levels: Maths A, Computing B, physics B, Chemistry C
AS Levels: Philosophy D

2002-2007   Downlands Community School

GCSE: Maths: A*, Statistics: A*, English (Lang): A, English (lit): B, Science (double award): AA, Music: A, German: A, IT: A, Religious Studies: C.

Miscellaneous

Awards   Quarterly performance award, Geneity Ltd. Jun 2014; Excellence in customer service, Iceland Foods Ltd. 2011; BTEC in aviation studies.

Interests   Gaming, both computer and table-top; Eclectic music taste; Science fiction, especially the works of Issac Asimov and Iain M Banks.

References   Available on request