

Gary Rutland

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With over ten years' experience working in the web development industry I am seeking to further my career and looking for Head of Technology or CTO roles. I am an enthusiastic, reliable and hard working individual, who is looking to apply my extensive skills and experience while continuing to further it. Whilst enjoying working as part of a team I am equally able to work under my own initiative. I have good interpersonal skills and the ability to communicate effectively with colleagues and clients to build good working relationships.

Career

APP TECH DEVELOPMENT (RISE PROJECT)

An application development house focusing on the monetization of digital content allowing users to generate a real income from their content

Lead Web Developer

February 2016 – Present

- Leading a team of 5+ staff, including permanents and contractors
- Implementing a continuous integration/deployment environment
- Introducing work flows based on project requirements (GitFlow, feature branches, etc)
- Working closely with both CTO and CEO on project requirements and specifications
- Working closely with both iOS and Android teams to come up with solutions for requests
- Working with marketing, data science and support teams where needed
- Scaling out a system to allow users to send content to 100k+ followers simultaneously
- Allow users to sell content for micro transactions using a virtual currency
- Implementation of sister application to run on subscriptions rather than micro transactions
- Implementation of Elastic Search to allow finding nearby users who have recently sent out content
- Begun the process from a monolithic system to a micro service architecture utilising AWS services, the Serverless framework and Terraform

ISOBAR

A global full service digital marketing agency driven by the purpose to deliver borderless ideas enabled through technology, to transform businesses and brands

DevOps Engineer

July 2015 – January 2016

- Implementing a continuous integration/deployment environment
- Allow for quicker development and releasing
- Introducing work flows based on project requirements (GitFlow, feature branches, etc)
- Combining different technologies such as Docker, Ansible, and Atlassian (BitBucket, Bamboo, Jira)
- Setting up reverse proxies using Nginx where needed to allow for multiple containers running on one instance
- Using various services within Amazon AWS (EC2, Elastic Beanstalk, S3, RDS, VPC, Route 53, IAM)
- Setting up environments for PHP, Python, NodeJS, and Ruby
- Using Behat to allow for BDD style testing

MINICLIP

Online/mobile games company serving games to millions of users on a daily basis

Senior Web Developer / Project Lead

Sept 2012 – July 2015

PHP Developer

Sept 2012 – Sept 2013

- Managed the site's virtual currency system and API integration solutions including RESTful, JavaScript, Flash/Unity.
- Liaising with content team to assist external developers with system integration
- Leading projects (tasking and coaching other developers)
- Evaluating incoming requests from other teams within the company
- Sprint planning using Jira and Agile methods
- Migrating from SVN to Git (Atlassian Stash), which included amalgamating multiple codebases with similar code into one
- Moving code deployment from Phing to Jenkins, and later to Atlassian Bamboo
- Re-engineering our database-driven session system to a token-based system using Redis, which includes a fail over if Redis is ever unreachable
- Making it possible for our content team to add existing or new games onto Facebook
- Leading several projects for social features
- Developing a global notification system for users using NodeJS
- Creating and maintaining a secure JavaScript API and creating an environment for external games to integrate easily using single sign-on, as well as maintaining an existing RESTful and Flash/Unity API (Flash/Unity APIs will soon be moving over to the JavaScript API)
- Reviewing and optimising our virtual hosts and rewrite rules for Apache
- Initiating frequent talks for our team and any other teams which may be interested in them
 - Delivering talks on profiling using Webgrind and RegExp
- Training to be office fire warden

ETOUCHES

SaaS solution for companies to create and manage events with a wide variety of modules. The core module is eReg which is where most of our clients use the software

Software Engineer

Sept 2010 – Sept 2012

- Creating a new module which has been released as eSelect; a thorough description of it can be found here <http://etouches.causeroom.com/eSelect>
- Creating the API, which originated as a SOAP service which was later exchanged for a REST service; details of the API can be found at <http://developer.etouches.com>
- Bug fixes

THE STRATEGIES GROUP PLC

Social media site that allows our Jobboard sites to post jobs to both Facebook and Twitter. It also allows the creation and management of mobile webapps, which work on all smart mobile phones (iPhone, Blackberry, etc)

PHP Developer

Sept 2009 – Sept 2010

Web Integrator

May 2008 – Sept 2009

- Creating and maintaining the infrastructure for the project using PHP and MySQL
- The on-going creation of new mobile web apps for job board sites
- Cutting up PSD's and converting into valid XHTML/CSS pages
- Fixing any errors and bugs for both the social mobile web apps and the main job board systems
- Maintaining the main job board systems using ASP and MSSQL

Technology

PHP: PHP5/7 and design patterns including OOP and MVC	Advanced
Databases/cache: MySQL, Elastic Search, Redis, Memcache PostgreSQL, DynamoDB, SQLite	Advanced Intermediate
HTML/CSS: HTML5/CSS3, cross-browser support Page load and rendering speed improvements	Advanced Intermediate
JavaScript: DOM, Ajax, JSONP, HTML, local storage	Advanced
Web servers: Nginx, Apache	Advanced
Framework/libraries: Phalcon, Zend2, Yii, jQuery, Twitter Bootstrap Serverless, Doctrine 2, Laravel, Express, Socket.io, RequireJS Symfony, Backbone, Underscore	Advanced Intermediate Basic
Version control: Git, SVN	Advanced
Continuous integration/deployment: Jenkins, Ansible, Terraform Puppet, Ant, Phing	Advanced Intermediate
Testing: New Relic, PHPUnit, Codeception, Newman A/B, Behat, Selenium PHPSpec, JMeter	Advanced Intermediate Basic
Other technologies: AWS, Docker, RESTful, HTTP, Regexp <small>AWS technologies include EC2, Elastic Beanstalk, Lambda, API Gateway, RDS, ElastiCache, S3, DynamoDB, SNS, SQS, Kinesis, CloudWatch</small> Wowza, SOAP, TCP/IP, remote debugging and profiling	Advanced Intermediate
Other programming languages: Shell, Bash, Node.js Python, Perl, Python, Ruby, Java	Intermediate Basic
Other skills: Agile, Scrum, Kanban, Atlassian Suite, Microsoft Office Photoshop	Intermediate Basic

Education

HND Internet Computing - Southampton Solent University	2006 - 2008
National Diploma Media (Moving Image)	2003 - 2005
AS Computing, AS Media Studies, AVCE Business Studies	2002 - 2003
GCSE Maths, English Lang and Lit, Science, IT, Media, History and German	1997-2002