

# SHAZ AMJAD

Melbourne, Australia

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## PORTFOLIO

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### Venuemob (<http://venuemob.com.au/>)

Scalable deployment on AWS using Chef. Essentially a LEMP stack but fairly complex in terms of separation of concern; api, web-app, databases, blogs, business ops including integration with various CRM's, finance tracking apps, sales trackers and so forth. In the pipeline are various mobile (android) applications, more machine learning / intelligence and tracking/analytics optimization.

### People Like Me (<http://www.ppllikeme.com/>)

Ruby on Rails deployment on Heroku, with extensive use of the Facebook OpenGraph API. Rapid prototype done for a client seeking a MVP.

### Qreer (<http://www.qreer.com/>)

LEMP stack using a highly customized CakePHP framework base. Originally setup as a scalable AWS application, transitioned to dedicated server for price/performance. Machine learning, business intelligence and various analytical reporting requiring incredibly high performance.

### One 2 One Medicine (<http://www.one2onemedicine.com/>)

Basic LAMP stack making use of extensive eCommerce / banking systems for seamless payment authorizations. Custom two-way video conferencing solution ultimately abandoned in favor of Skype.

### Best & Co (<http://www.bestandco.com/>)

Employed on contract for all front-end development on ASP/.NET under an NDA, delivered numerous corporate client projects with an emphasis on IE6 - IE10 compatibility. Utilized strong Javascript (jQuery) animations and events as flash alternatives.

### Not Going To Uni (<http://www.notgoingtouni.co.uk/>)

LAMP stack on the RackSpace cloud network. Developed within three months as part of a 5-person team at Bluw-i, using a standard CakePHP framework.

### HQIP (<http://www.hqip.org.uk/>)

Built on PHP/MySQL using SilverStripe, the entire stack was upgraded over a month by the team to bring it up to date from it's origins in 2002.

### Simply Dancing Partners (<http://www.simplydancingpartners.co.uk/>)

LAMP stack providing an entirely custom business management suite. Built part-time over a number of years, it handled approximately 10,000 transactions a day at its peak over 40 different regional franchises. Ultimately wound down after the financial crisis.

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## DEVELOPMENT SKILLS

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In daily use -

OO-PHP including various frameworks/CMS's, SQL (MySQL), HTML(5)/ CSS(3) (as HAML/SCSS), Javascript (including Backbone, jQuery and Zepto on CoffeeScript), Git SCM, Photoshop, Vim, Server Administration (Chef / Vagrant, Amazon Web Services).

Used on previous projects -

Ruby on Rails, Node.js (as CoffeeScript), NoSQL (Redis, CouchDB & MongoDB), Facebook / Twitter / Google Plus API's, Java (Android), Python w/ Django.

Familiar with -

C, Python (inc Django), Lua, Assembly (6051), MatLAB, SolidWorks, AutoCAD, Dreamweaver, Flash (inc ActionScript), Illustrator, XML, VBScript (Excel).

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## EXPERIENCE

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*Nov '12 - Present*

Developer

*Venuemob.com.au, Melbourne, Australia*

The first hire of an early stage startup, I am one of two responsible for essentially everything related to IT requirements of the company - from building out the website, managing the servers, optimizing the business operations, through to various "growth hacks", data analytics and so forth.

*Oct '10 - Jun '12*

Lead Developer

*Onsbo, London, UK*

Working with various designers and developers, my time was predominantly spent on building qreer.com, travelling back and forth between Eindhoven & London. I also managed a few smaller projects during the 18 months there, listed above.

*Aug '10 - Nov '10*

Front-end developer

*Best & Co, London, UK*

Delivered their front-end work under contract as a free-lancer. Extensively used Javascript and jQuery for cross-browser compatibility including IE6 support.

*May '10 - Aug '10*

Developer

*Bluw-i, London, UK*

Worked predominantly as a back-end PHP developer in a team consisting of a server admin, front-end, designer, another back end developer and manager.

*May '08 - May '10*

Web Developer & Dance Tutor (Part-time)

*Simply Dancing Partners, London, UK*

Developed the entire website (apart from design) while also working as a dance tutor whilst studying at University.

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## EDUCATION

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*Sept '09 - Jun '11*

Motorcycle Technology (MSc Pending)

*Kingston University, London, UK*

Dissertation: "Alternative Fuel Motorcycle Engine" - The analysis of a motorcycle engine to use hydrogen as the primary combustion fuel.

Modules: Advanced Motorcycle Technology, CAD/CAM Systems, Product Design, Advanced Automotive Electronics, Vehicle Aerodynamics, Auto Structures & Body Design, Scooter Design & Manufacture.

*Sept '06 - Jun '09*

Computer Aided Mechanical Engineering (BEng)

*King's College, University of London, UK*

Dissertation: "Rider Safety System" - The design and simulation of an airbag system for use on motorcycles & bicycles for rider protection in the case of an accident.

Further modules: Numerical Methods, Thermofluids, Microprocessors, Engineering Design, Manufacture, CAD/CAM/CIM, Robotics, Kinematics and Dynamics, Control Systems, Programming, Applied Mechanics and Business Management.

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## INTERESTS

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Ballroom and Latin American Dancing - having competed in and won various national competitions in the UK.

Mixed martial arts, cricket, motorcycles, playing guitar and attempting various racquet sports.