

# James Pickard B.Sc. (Hons)

[james.pickard@gmail.com](mailto:james.pickard@gmail.com)

+44 7821 280 175

Six years in lead roles for eCommerce, point-of-sale, lottery, API, mobile games. Developing web applications since 2002 with a passion for creating software that makes life easier. First-Class Honours degree in *Computer Science with AI* from the University of London.

## **Experience**

June 2016 - Present. Bungay, England.

Green Dragon

- Proprietor of a public house and brewery.
- Responsibility for all aspects of running the pub and brewery: HR, payroll, rotas, VAT, stock control, pricing, maintenance, training, quality assurance.
- Documented end-to-end brewing process in "Brew Bible" for fast onboarding of new hires.
- Designed and built a web-accessible temperature monitoring system using Raspberry Pis.
- Developed software for accounting, stock control, inventory, scheduling, task management (PHP, Laravel, Vue.JS, MySQL).

April 2014 – May 2016. Montreal, Canada.

Lightspeed

- Technical Lead for a middleware connecting a legacy point-of-sale solution with a new eCommerce system (PHP, Laravel, MySQL, Redis, Node.JS). Responsibility for managing stakeholder expectation across multiple teams and timezones.
- Built a tool for Support to view the state of the middleware (Node.js, Redis, React).
- Technical Lead for an eCommerce solution written in PHP (PHP, MySQL, Yii, HTML, JavaScript).
- Day-to-day tasks include code review, technical analysis, prioritisation, coaching other developers, technical writing and documentation, code refactoring and profiling, testing.

From June 2013 - January 2014. Sabbatical while Canadian permanent residence application is processed.

February 2008 – June 2013. London, England; Moncton, Canada; Montreal, Canada.

OpenBet Technologies Ltd.

- Software Engineer for Loto-Québec and British Columbia Lottery Corporation teams. Working with industry leading partners IGT to deliver online gaming systems.
- Technical Lead for Mobile Games. Porting Flash-based games to iOS using web technologies.
- Technical Lead to delivery of multi-million-dollar provincial betting platform for Atlantic Lottery Corporation. Leading a team of 10 people, first point of customer contact, day-to-day managerial and technical roles including line management, code review, requirements analysis, software design specification, system configuration. Sole responsibility for data migration from legacy system.
- Senior Developer on API team providing an XML interface for bet placement, payments, customer management, liability calculation, event hierarchy.
- Customer-facing experience with industry-leading UK-based bookmakers including Ladbrokes, William Hill, Paddy Power.
- Ongoing support, including remote administration involving troubleshooting time-critical live issues.



July 2006 – July 2008. Bungay, England.  
Self employed web development, network troubleshooting and consulting.

November 2002 – June 2003. Bungay, England.  
Partner, Open Computer Solutions.  
Founder of computer troubleshooting and sales business.

### **Qualifications**

September 2003 – June 2006  
Royal Holloway, University of London  
B.Sc. Computer Science with Artificial Intelligence, First-class Honours.

### **Skills**

#### **General**

- Experience architecting scalable, reliable, modular high transaction-volume systems.
- Experience with every stage of the software lifecycle from requirements gathering to deployment, to ongoing maintenance.
- Experience leading development teams of 10 people or more whilst managing expectations from outside stakeholders including design, legal, business, finance, management.
- Experience running a business.
- Intermediate level French speaking.

#### **Languages & Technologies**

- PHP, JavaScript, Laravel, Typescript, React, Redux, Vue.JS, MySQL, NodeJS, Redis, React, Tcl, Python, Ruby, vim, linux command line, git, subversion, CVS, Jira.

#### **Online profiles**

Github <https://github.com/euoia>

Linked In <https://www.linkedin.com/in/james-pickard-24394040/>

#### **Notable Open Source Projects**

[www.learnfrenchverbs.com](http://www.learnfrenchverbs.com) A website to practise French verb conjugation.  
<https://github.com/euoia/node-reverb>

[Bixitime.com](http://Bixitime.com) A website that shows nearby bikes for Montreal's bike-share scheme.

<https://github.com/euoia/bixitime-website>

<https://github.com/euoia/bixitime-api>

<https://github.com/euoia/bixitime-poller>

Node-Mud: A multi-user text-based environment written to explore Typescript.

<https://github.com/euoia/node-mud>

Hexbusters: An implementation of the classic board game Hex with an Monte-Carlo Tree Search AI using web workers (JavaScript, React, Redux):

<https://github.com/euoia/hexbusters>

### **Additional Information**

British citizen with Canadian permanent residence valid until 2022. Clean British & Quebec driving licenses. Fluent English, intermediate level French.

**References are available on request.**