



4<sup>th</sup> March 2021

# ROSS EDLIN

## SENIOR PHP DEVELOPER

11 years of experience as a PHP Web Developer. Skilled in multiple PHP Frameworks along with Payment / POS Integration, OWASP & RESTful API's, coupled with a Computer Science Degree with a heavy emphasis on programming in all aspects. Familiar with multiple DevOps tools, such as Docker, Linux, Cloud hosting, Continuous Integration & Unit Testing.

### ABOUT



Born and raised in the United Kingdom.

Currently in Asia

### CONTACT

- ✉ [jobs@rossedlin.com](mailto:jobs@rossedlin.com)
- ☎ (Phone number on request)
- 🌐 [www.rossedlin.com](http://www.rossedlin.com)
- 🏠 Vietnam

### SOCIAL

-  [linkedin.com/in/rossedlin](https://www.linkedin.com/in/rossedlin)
-  [github.com/rossedlin](https://github.com/rossedlin)

### EDUCATION

BACHELOR OF SCIENCE  
DEGREE IN COMPUTING

Bucks New University, 2009 - 2012  
High Wycombe, England  
<http://bucks.ac.uk>

2nd Class, Upper Division (2:1)

### CORE SKILLS

PHP (11 Years) • OOP • Composer • PHP Unit  
Laravel (4.5 Years) • Zend • Slim • Symfony • OpenCart • WordPress • Codelgniter

HTML • CSS • SCSS • JavaScript • jQuery • ReactJS • VueJS • Gulp • Grunt • Mix  
Bootstrap • NodeJS • NPM • Web Sockets (PubNub)

Waterfall • Agile • Test Driven Development  
Shell / Bash • JIRA • Confluence • Git • GitHub • GitLab • Bitbucket  
Cloudflare • AWS • Digital Ocean • Firebase • Vagrant • Docker

Apache • MySQL • MsSQL • Unix • Linux • Windows • OWASP • SonarQube  
Payment (Stripe, Braintree, WorldPay) • RESTful API

### PORTFOLIO

[rossedlin.com/portfolio](https://rossedlin.com/portfolio)

#### Chat App

[rossedlin.com/portfolio/chat](https://rossedlin.com/portfolio/chat)

Chat App is a simple demonstration chat application using **React & Firebase**.

You can send sign in with your google account and send messages to everyone in the chat room.

#### Stripe

[rossedlin.com/portfolio/stripe](https://rossedlin.com/portfolio/stripe)

Stripe Payment is a fully functional Payment Gateway.

This demonstration piece is **secure** and ready for real life money.

Using **Laravel & PHP**.

#### The Mighty Roar

[rossedlin.com/portfolio/tmr](https://rossedlin.com/portfolio/tmr)

A fully functional custom built admin & customer control panel.

Built from scratch, using **Laravel**, entirely by me.

Complete with Stripe Payments, Automated Emails (SendGrid), SMS (Twilio), Reporting, Accounting (QuickBooks), Current Jobs, Customers, Programmes, Weekend Trips, etc...

## EXPERIENCE

### Aspen

Dec 2020 - Jan 2021

Fully remote role working from Asia with a 7 hour time zone difference.

Short-term project (2 months) to help the main lead developer understand and build a secure web sockets system to backup vital data in highly secure environments behind hardened firewalls.

Making use of PHP, Laravel, PubNub (Web sockets), Vue.js, I built a working prototype which was then integrated into the

primary system and later used in a live environment for a real life customer.

### The Mighty Roar

May 2020 - Dec 2020

[www.rossedlin.com/portfolio/the-mighty-roar](http://www.rossedlin.com/portfolio/the-mighty-roar)

Fully remote role working from Asia with a 7 hour time zone difference.

6 month project with ongoing support given part time to this day.

The Mighty Roar is volunteer abroad experience offering customers the experience of a lifetime e.g. "teaching kids in Bali"

They asked me to build a full admin control panel with a customer front end.

Sole developer, fixed price, quoted and within budget and all deadlines achieved.

Making use of Bitbucket / Jira to give client confidence in work.

Built using Laravel with a custom Bootstrap template, using CSS, HTML, jQuery keeping to industry standards like PSR2.

#### \*\* Features Included \*\*

- Stripe Payment Gateway.
- Jobs system so the administrator can see clearly what tasks need to be completed.
- Customer frontend with easy-to-use forms and tasks still required for the volunteer trip.
- File uploads (accept / reject depending on trip requirements).
- Automated and manual emails with templates and short codes.
- Multiple report systems.
- Production / Testing / Local development environments to ensure code quality.
- Customers, Programmes, Weekend Trips, Optional Extras - all linked together.

***See more on page 3....***

# EXPERIENCE

## Baxter International (Fortune 500 Company)

July 2019 – Nov 2019

[www.baxter.com](http://www.baxter.com)

Short-term contract (3 months, extended to 5 months) to fill an immediate need for a Laravel developer for a tight deadline.

Helped the team build a web interface for 6 different medical infusion pumps.

- Evo Syringe Pump
- Evo Large Volume Pump
- Novum Syringe Pump
- Novum Large Volume Pump
- Sigma v8
- Sigma v9

We designed the web interface for medically trained professionals to control the drug libraries on each device; they could create different care

packages for a variety of patient treatments.

The primary aim of the web interface was to ensure strict limits so that they make zero mistakes in patient treatments and tight controls on the speed

at which they give a treatment to a patient.

Essentially, it's a safety product.

The Web interface used PHP and the Laravel framework.

All my code was peer reviewed, rigorously tested by a suite of testers and FDA approved.

### Technologies used whilst at Baxter

Agile • JIRA • Git • Bitbucket • Confluence • WebEx • Slack • Teams

AWS • Vagrant • Docker • VirtualBox

Apache • MySQL • Unix • Linux • Windows • RHEL • CentOS

PHP • Composer • Laravel • Mix • Eloquent • Vue

jQuery • Bootstrap • Javascript • CSS • HTML

## Freelance (Asia) / Course Creation

Jan 2019 – June 2019

[www.rossedlin.com](http://www.rossedlin.com)

Built a personal blog using WordPress, HTML, CSS, JavaScript, PHP Bootstrap, SCSS, Git, Docker, CloudFlare and included a CDN for performance.

Worked abroad in Asia for the last 6 months (Jan) for a confidential client on a part-time basis (2-3 days a week) working with technologies such as PHP,

HTML, CSS, Bootstrap, Docker, Digital Ocean, SCSS, Grunt and Laravel.

Building an API integration to pull data, cache and keep updated on a regular basis.

Working on an event-based system so data updates are near-instant.

Attended a seminar on SEO (one week) with further courses and learning (one month).

Gained a deeper understanding of Keyword Research, Short, Long Tail Keywords, Click Through Rates (CTR), Monthly Volume numbers, Domain

Authority, Backlinks (From high DA sites), etc...

Building online courses based on IT development for Udemy & Skillshare.

Learning video editing (Final Cut Pro), presentation (on/off camera), camera setup (2 angles).

Courses are HTML, CSS, JavaScript and PHP based.

## Exeter University - Senior Web Developer

Feb 2018 – Nov 2018

### LISA (Attendance Monitoring System)

[lisa.exeter.ac.uk](http://lisa.exeter.ac.uk)

Originally brought in for a 6-month contract to further develop an existing PHP Laravel Website for the Attendance Monitoring System called LISA, I was tasked with integrating multiple API's into the system, including student attendance data, timetabling data, student statistics, etc...

The University introduced Bluetooth beacons into the classrooms which detected students "attendance" automatically.

This data needed to be imported into the current attendance system and seamlessly update records without compromising the current way of recording attendance.

### Clearing

[www.exeter.ac.uk/clearing](http://www.exeter.ac.uk/clearing)

Built 4x landing pages designed to handle heavy load for the Exeter Clearing week, the records were pulled from an Oracle DB initially and displayed on the page in a cached form using Redis.

The pages were heavily stress tested, filtering out multiple unforeseen bugs BEFORE launch.

UAT was also included which further identified bugs, using multiple different environments, Mac, PC, Linux, iPhone, Android all with various different setups and browsers.

Queue-it.com was also introduced to give confidence of a successful launch, queue-it.com was a middle man site between Exeter and the end user, allowing us to put a limit on the number of visitors allowed to the actual website per minute.

### Enquiries / CRM

[enquiry.exeter.ac.uk](http://enquiry.exeter.ac.uk)

Built an advance enquiry form which links into Microsoft Dynamics CRM.

This is a dynamic form which hides fields depending on the user selection, fully configurable from the backend with a routing matrix.

Using PHP Laravel Framework & Docker.

### Technologies used whilst at Exeter

Shell / Bash • JIRA • Git • GitLab • Bitbucket • Composer • OWASP • SonarQube  
AWS • Vagrant • Docker • Unit Testing (PHPUnit) • Gulp  
Apache • MySQL • Oracle • Unix • Linux • Windows • RHEL • CentOS  
PHP • Laravel • Vue • React • jQuery • Javascript • CSS • HTML

## Freelance - Web Development

August 2017 - Jan 2018

### Invoice & Mail API Integration

[foto.wuestenigel.com](http://foto.wuestenigel.com)

Tasked with integrating an invoicing package (Billomat) with an emailing system (Mandrill).

This was achieved using the available REST API's.

### Node(SailsJS)

Intensive course on NodeJS, including SailsJS, ExpressJs, NPM, Grunt, AWS, Less, SCSS, Vue.

Total time was about 4 weeks.

### Chaos Humour (WordPress)

[www.chaoshumour.com](http://www.chaoshumour.com)

Built a WordPress website in a tight timescale of 3 days maximum.

This included all consulting, setting up and designing the website.

## Lineten, London - Web Developer

April 2015 - May 2017

[www.lineten.com](http://www.lineten.com)

Key developer working with PHP in a small team with 3-4 others. Helped design a multi-tenanted enterprise level product which can support 1000's of restaurants each with their own unique looking site with custom content.

Worked on existing Symfony site, adding new features including payment & POS.

Built a complete payment system with multiple providers and integrated multiple Point Of Sale (POS) systems.

Upgraded flagship product to allow for multiple languages including English, French, Spanish.

Helped build an android app linked to main system to handle orders in restaurants.

Built a web scraping library to pull records from multiple sources.

Built a tool to improve sales process by removing key pain points blocking a sale.

Forcing the sales team to capture required data before a sale can be complete, data was sent automatically to setup team.

### Magento Development

[www.zachys.com](http://www.zachys.com)

Built several Magento extensions, including but not limited to adding features for importing records from CSV files into a database, displaying records appropriately, validating and filtering out bad records.

### Billomat & Mandrill

[www.billomat.com/en/api](http://www.billomat.com/en/api)

[www.mandrillapp.com/api/docs](http://www.mandrillapp.com/api/docs)

### Lineten Clients

[www.fiveguys.co.uk](http://www.fiveguys.co.uk)

[order.goodearthgroup.co.uk](http://order.goodearthgroup.co.uk)

### Payment Gateways

[www.stripe.com](http://www.stripe.com)

[www.braintreepayments.com](http://www.braintreepayments.com)

[www.judopay.com](http://www.judopay.com)

[www.worldpay.com](http://www.worldpay.com)

### Point of Sale (POS)

[www.ncr.com](http://www.ncr.com)

[www.andromedapos.com](http://www.andromedapos.com)

## Engrave-It, High Wycombe - DevOps / Consultant / Developer

Jan 2014 - Feb 2015

[www.engage-it.uk](http://www.engage-it.uk)

Brought in to revamp and update Engrave-It's website to an easy to use WordPress site and consult the Managing Director on best practices for their entire IT system, moving from an outdated paper based system to modern day technology.

### Technologies used whilst at Engrave-It

PHP • MySQL • CSS • HTML • Photoshop • Illustrator  
 WordPress • Mailchimp • CRM • Accounting • Networking • Cat 6e  
 Windows Server 2008 • Active Directory • Ubuntu

## BM Trada, High Wycombe - Web Developer

Sept 2012 - Dec 2013

[www.bmtrada.com](http://www.bmtrada.com)

Maintained and further developed PHP websites.

PHP, Active Directory, LAMP (PHP, Linux, MySQL & Apache), DNS.

- Internal Intranet (Custom MVC)
- [www.bmtrada.com](http://www.bmtrada.com) (Zend)
- [www.fira.co.uk](http://www.fira.co.uk) (Zend)
- Internal Website for FIRA (CodeIgniter)
- [www.trada.co.uk](http://www.trada.co.uk) (Custom MVC)

Designed an Internal only use Android app which tightly integrated in with MsSQL database using a REST API. The app was a digital form for service technicians to complete jobs whilst out at customer locations.

- Capture Text, Image, Signatures
- Works Entirely Offline - Downloads all data in the morning.
- Periodically checks for internet connection, uploads any completed jobs automatically
- Controlled stages to ensure job is done to high standard
- Reminders and inability to complete job if certain criteria is not complete.
- Local and remote storage of all data (Text, Images, Signatures).

## Crystal Gaming, High Wycombe - DevOps / Software Developer

June 2010 - June 2012

Design and implement a custom-built games control panel from the ground up.

System was designed to control game servers for PC games using a PHP website to interface with the server.

Java application for each game server for control purposes.

- Multiple servers - Windows Server 2008/2003, Linux (Ubuntu/OpenSUSE)
- Active Directory
- FTP
- PHP Website control panel
- MySQL -> Data storage
- LDAP -> Login Authentication
- SSH -> Execute scripts on remote machines
- File editing.
- Java
- Control the state of the game server
- PID control
- MySQL logging
- Config file verification for each game

## Joshua Morris - Aspen

Quote from LinkedIn

<https://www.linkedin.com/in/bestnetworkengineer/>

*Ross is an incredibly astute, hard working individual who is incredibly knowledgeable; specifically in the areas of PHP/Laravel and as-well with websockets, specifically Pubnub. Highly recommended!*

## Chris Holland - CEO (The Mighty Roar)

Quote from People Per Hour

*I would highly recommend Ross.*

*From the initial brief to completion he has provided amazing work and gone above and beyond what was required.*

## Mark Laurent - Director of Engineering (Baxter)

Quote from LinkedIn

<https://www.linkedin.com/in/markalaurent/>

*I worked with Ross on a medical device project in 2019.*

*Ross quickly grasped the key concepts of the project and was effectively contributing to the team after a very short onboarding.*

*Ross showed great attention to detail and focus.*

*He was a great team player who could handle whatever we threw at him.*

## Nathan Burden - Assistant Director Solutions Delivery (Exeter University)

Quote from LinkedIn

<https://www.linkedin.com/in/nathan-christian-burden/>

*Ross was a great addition to our team, helping to tackle our CRM development portfolio using the Laravel framework while introducing*

*SonarQube to increase our code quality.*

*Skilled developer and a great overall team player.*

## Richard Autherson - Head of Development (Exeter University)

Quote from LinkedIn

<https://www.linkedin.com/in/richard-autherson-6024a98/>

*I can recommend Ross as a professional, hard working PHP/Laravel developer.*

*Ross completed several projects at the university, including Bluetooth beacon attendance monitoring and complex front-end CRM forms*

*and workflow. All work completed as specified.*

## Farrakh Chowdhry - IT Director (Lineten)

Quote from LinkedIn

<https://www.linkedin.com/in/farrakhchowdhry/>

*Ross is a good developer with heaps of potential and a great team player.*

*While he was here with us, he worked on a range of projects from payment integration with multiple providers to POS integration.*

*He learnt new ideas quickly and was able to solve complex problems with the team.*

*Ross was hired as a PHP developer but has shown aptitude in Android/Java and has made updates to our various Android apps as he saw issues.*

*All in all a good guy who is only going to go from strength to strength.*

*I wish him the best of luck in his future endeavours.*