



6th May 2020

ABOUT


Born and raised in the United Kingdom.

Currently in Asia

CONTACT

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SOCIAL

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

ROSS EDLIN

SENIOR PHP DEVELOPER

10 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.

CORE SKILLS

PHP (10 Years) • OOP • Composer • PHP Unit
Larvel (4 Years) • Zend • Slim • Symfony • OpenCart • WordPress

HTML • CSS • SCSS • JavaScript • jQuery • Gulp • Grunt
Bootstrap • Node (NPM, SailsJS, ExpressJs)

Waterfall • Agile • Test Driven Development

Shell / Bash • JIRA • Confluence • Git • Github • GitLab • Bitbucket
Cloudflare • AWS • Digital Ocean • Vagrant • Docker
Apache • MySQL • MsSQL • Unix • Linux • Windows • OWASP • SonarQube

Payment (Stripe, Braintree, WorldPay) • RESTful API

Freelancing

Feb 2020 - Present

Baxter International (Fortune 500 Company)

July 2019 - Nov 2019

Freelancing

Jan 2019 - June 2019

Exeter University

Feb 2018 - Nov 2018

Baxter International (Fortune 500 Company)

July 2019 - Nov 2019

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

The web interface was designed for medically trained professionals to control the drug libraries on each device, they were able to create different care packages for a variety of patient treatments. The main objective of the web interface was to ensure strict limits are applied so that no mistakes are made in doses and the speed at which a treatment is given 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

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

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

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

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 - Now

Node (SailsJS)

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

Total time was about 4 weeks.

Invoice & Mail API Integration

foto.wuestenigel.com

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

This was achieved using the available REST API's.

Wordpress

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

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 a small NodeJS project, built a rapid prototype for a client.

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

Built a complete payment system with multiple providers

Integrated multiple Point Of Sale (POS) systems

Upgraded flagship product to allow for multiple languages

- 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

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

www.mandrillapp.com/api/docs

Lineten Clients

www.fiveguys.co.uk

order.goodearthgroup.co.uk

Payment Providers

www.stripe.com

www.judopay.com

www.worldpay.com

www.braintreepayments.com

Point Of Sale (POS)

www.andromedapos.com

www.ncr.com

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

Jan 2014 - Feb 2015

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.

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

BM Trada, High Wycombe - Web Developer

Sept 2012 - Dec 2013

www.bmtrada.com

Maintained and further developed PHP website.

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

- Internal Intranet (Custom MVC)
- www.bmtrada.com (Zend)
- www.fira.co.uk (Zend)
- www.trada.co.uk (Custom MVC)

Designed an Internal only use Android app tightly integrated in with MsSQL database using REST API.

App was a digital form for service technicians to complete.

- 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

Mark Laurent - Director of Engineering (Baxter)

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

Quote from LinkedIn

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 whocould handle whatever we threw at him.

Richard Autherson - Head of Development (Exeter University)

www.linkedin.com/in/richard-autherson-6024a98/

Quote from LinkedIn

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.

Nathan Burden - Assistant Director Solutions Delivery (Exeter University)

www.linkedin.com/in/nathan-christian-burden/

Quote from LinkedIn

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.

Farrakh Chowdhry - IT Director (Lineten)

www.linkedin.com/in/farrakhchowdhry/

Quote from LinkedIn

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.