Chris Hardcastle
Software development engineer

A highly creative, knowledgeable, software developer with more than ten years experience.
Providing full stack development services in digital mobile, desktop and EPoS devices.

Education

Upper second class Bachelor of Arts degree in Graphic, Media and Communication.

Programming languages

- PHP (versions 5 & 7), SQL, JavaScript, Node.js
- XML, JSON, AJAX, HTML DOM and SVG

Platforms and services

- Laravel, Symfony, Wordpress and YII PHP frameworks
- Node.js, React, Redux and AWS Lambda
- Digital loyalty campaigns and schemes
- Ingestions, integrations, migrations and testing

(Please see last page for more information)

Employment History

January 2021, Wilmington PLC

As an ambitious senior developer using Node.js on a modern multi-tenant, fullstack platform in AWS. I led and automated the front-end BrowserStack testing of a single page (SSR) React application**.** Duties included the development of user notifications, front-end features and API development, with unit testing. I also led the launch of a community of practice.

May 2019 to April 2020, Third Bridge

As a software development engineer, I transitioned away from PHP to a more NodeJS orientated role. Using Micro-services as a means to defuse a legacy monolith. I supported the team in the design and construction of serverless service apps on the AWS platform. These (SNS/SQS) services replaced internal manual workflows and improved communications for one half of their business users.

I provided test coverage, documention and data sources to both technical and non-technical colleagues in the business. Including documentation as standard with swagger OpenAPI, complete with unit testing in frameworks such as Jest.

Beyond the team with other developers in the business, I helped establish a JavaScript community of practice for the engineering deparment. I also held a voluntary "security champion" role in the security culture team of the business.

August 2016 to April 2019, Eagle Eye Solutions (EES)

As a Senior Developer designing, building and delivering API endpoints and scripts on public API's within Eagle Eye's AIR platform. These were MVP's, custom and product features which handled requests from consuming apps, EPoS (cashier tills), CRM and retail systems all over the UK. I designed, built and delivered a legacy XML based EPoS API.

I also supported the migration of new and existing, well known high street retailers to the product. I expanded a solution to include EES digital wallet products and consumer search for JDSports.

I wrote idempotent console based scripts to import coupon and consumer data for clients such as Thomas Pink and Clarks. I automated reports for financial transactions, campaign activity and consumer data.

June 2013 to April 2016, *Various Contract Development Positions*

Splash WorldWide, I designed and built a data solution to reconcile an excel spreadsheet with a MySQL database. Later on, a project to integrate with a language translation service.

Lead Developer at BAFTA, building a front-end single page application prototype for a digital MVP. Included experience with APIs and Amazon AWS infrastructure as a service, along with a React based technical spike and proposal.

Lead Developer and Consultant building a Zend based customer portal for Autoglass vehicle glass repair company. Managed the closure of their website branch pages.

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Other Back-end Frameworks and Platforms

- Amazon SNS/SQS design, configuration and deployment (queue based)
- Docker, Vagrant and virtual machines (for development and testing)
- Elasticsearch, Sanity (document storage and search)
- Facebook SDK and OpenGraph (social applications and data)
- Pitcher (iPad app based presentation distribution)
- POEditor and Wordbee (language translation services)

Other Front-end Frameworks and Libraries

- React, Next.js, StoryBook for modern single page applications or apps
- Vintage frameworks such as BackboneJS, Require, Underscore, Raphael
- Legacy JavaScript such as jQuery

Technical skills

- Development cycles, CI/CD usage and deployment strategies
- Linux, MacOS, SSH, SFTP, Terminal and SSH proficient
- Maintenance and authoring of swagger API documentation
- Version and release management (GIT / NPM)

Tools

PHPStorm, Postman API Development Environment, Jira, Pivotal tracker, timesheet logging, Photoshop, Microsoft, AWS, Sanity, product eco-systems. Platforms for social media apps including Facebook and Twitter.

Compliance

ISO/IEC 27001 information security standard.