

# MAX BEHRENS BSC, PGDE

130 Portelet Road, Liverpool, L13 6SG

Mobile: 07513944101 • Email: [maxdbehrens@gmail.com](mailto:maxdbehrens@gmail.com) • [maxbehrens.com](http://maxbehrens.com)

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I am a software developer from Liverpool, specialising in creating and maintaining responsive PHP websites and internal company management systems using the Laravel framework. I am also proficient in using Symfony and Yii, with 4 years of full-stack experience utilising front-end technologies such as Vue.js, React and JQuery; along with a knowledge of query optimisation and database architecture management using MySQL and the Eloquent ORM.

I have worked on multinational insurance platforms for clients like Aviva to handle company data as well as Learning & Development platforms for companies to manage their employees' progress; utilising skills taught in my teaching diploma in education when meeting with clients to explain concise build plans from their ideas and expectations.

My strengths lie in writing and peer-reviewing iterative code releases containing features and fixes as part of an agile team of developers; responding to end-user feedback; and ensuring code maintainability and reusability when employing object-oriented programming and solid coding principles. My development experience also includes maintenance of live AWS environments using CI/CD pipelines containing phpunit test suites, and user enhancement on my personal Laravel website project with functionalities such as Redis and Pusher for real-time user communication; and implementing requests from external APIs to instantly compute account reports and user suggestions.

## EXPERIENCE

**MAR 2025 - JUL 2025**

**SOFTWARE DEVELOPER DBLX**

At DBLX, I've worked across multiple custom PHP-based Learning Management Systems (LMS) focusing on learning and development solutions. My role has involved maintaining and enhancing platform functionality with Filament PHP, and debugging and resolving issues using Laravel tools like Artisan queue management, Horizon, and Mailpit. The role has required strong problem-solving across both backend and deployment code processes, as well as quick adaptation and fixes to varying project scopes; legacy codebases, and evolving test suites in deployment pipelines.

**JAN 2023 - JAN 2025**

**SOFTWARE DEVELOPER ICEDE SOLUTIONS Ltd**

I worked on the central website in PHP Laravel, Yii and JS, made for insurance company clients, such as Aviva, to manage their internal data with. I have implemented features, like new pages to differently query company data into reports; as well as fixing erroneous behaviour by simplifying code processes for sustainability when handling software upscaling.

**JUL 2022 – JAN 2023**

**WEBSITE DEVELOPER IGNIS TECHNOLOGIES**

In PHP Laravel frameworks with installed Mix dependencies, I used PHP, JS and SCSS with HTML and Laravel Forge to create new landing sites and help develop the company's bespoke client data management software.

**JUL 2021 – JUL 2022**

**JUNIOR SOFTWARE DEVELOPER VERVE DIGITAL**

Utilising PHP and MySQL along with JS and CSS, I created ecommerce website frameworks; allowing transport administration companies using our systems to more easily manage their appointments and company data.

**SEPT 2020 – JUL 2021**

**MATHEMATICS AND COMPUTER SCIENCE TEACHER LIVERPOOL HOPE UNIVERSITY/ UTC WARRINGTON/ LIVERPOOL MATHS SCHOOL**

During the course my work has involved supervising, planning and conducting classes from years 10 to 13, specifically teaching Maths at GCSE and A-Level, as well as BTEC computer science.

**NOV 2017 – NOV 2020**

**PRIVATE TUTOR** LIVERPOOL ACADEMY INTERNATIONAL

Mathematics, computer science, physics and chemistry tutor at Academy International private tutoring agency, teaching classes with students studying from GCSE to A-level; I also developed a CRM for the company in PHP Laravel with MySQL.

## EDUCATION

**SEPT 2021 – JAN 2023**

**MSC IN EDUCATIONAL RESEARCH** LIVERPOOL HOPE UNIVERSITY

Researching the impacts across UK schools of teaching group based problem solving exercises in maths lessons, versus more traditional strategies of exam formatted questioning.

**SEPT 2020 – JUL 2021**

**POST GRADUATE DIPLOMA OF EDUCATION IN FURTHER EDUCATION** LIVERPOOL HOPE UNIVERSITY (MERIT)

I have taught Maths, Physics & Computer Science GCSE and A-Level across Merseyside for my teacher training course with Liverpool Hope University.

**SEPT 2017 – JUL 2020**

**MATHEMATICS AND COMPUTER SCIENCE BSC (JOINT HONOURS)** UNIVERSITY OF LIVERPOOL (SECOND CLASS HONOURS)

My degree has taught me to handle data and process computations efficiently; completing projects in multiple programming languages and development kits such as Flutter and React. I have utilized software such as MATLAB to interpret dynamical systems and populations.

**JUN 2017**

**GCE A- LEVELS**, PRINCE HENRY'S GRAMMAR SCHOOL, OTLEY

Mathematics, Chemistry, Physics, Further Maths and Economics (AS).

**JUN 2015**

**GCSEs**, PRINCE HENRY'S GRAMMAR SCHOOL, OTLEY

A/A\* grades in 12 subjects, including Maths, English, Triple Science, French, German, History.

## SKILLS

- Web development in Laravel, Synfomy & Vue.js
- Using Git & BitBucket Version Control to manage project branches
- Maintaining readability in codebases, and managing pipelines and deployments
- Relational Database development in MySQL.
- Data visualization, Tableau, Power BI.
- Maths and computer science teaching experience.
- Mathematical Modelling, MATLAB and R Studio.

## ACTIVITIES

I was a participant in an international scheme organized by the Leeds Development Education Centre, where I was able to meet students from across the continent to discuss climate change issues.

I was a singer, guitarist and pianist for three bands, one of which came first place in a charity competition while I was in school.

I enjoy acrylic painting, as well as digital design, having used Photoshop to create svg images for my personal website.

## REFERENCES

Available on request