

EDWIN GIGI

SOFTWARE ENGINEER

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Oxfordshire

PROFILE

I am a Full-Stack Software Engineer with 2.5 years of experience at Darktrace, Cambridge. I specialize in Laravel/PHP for web application development. I have a First Class (Hons) BSc Computer Science Degree from De Montfort University, Leicester. I did my placement year at Warehouse Control Solutions as their Software Support Engineer. My final year project involved building a text summarizer web app using Python, NLP, and Flask.

The current project I am working on in my role focuses on RESTful API development where I work mainly as the backend dev and project lead to reconstruct our web application with the frontend being in ReactJS. This project allowed me to also expand on my SQL querying/DB skills via the MYSQL schema and pick up business logic whilst developing endpoints. I tend to adapt quickly to new environments, and my problem-solving mindset drives me to create impactful solutions.

TECH STACK

Frontend: HTML, CSS, JS, Vue.JS, Laravel Blade, Flask.

Backend: PHP, Laravel, & SQL. REST-API development. Usage of NLP Libraries in Python.

Technologies: VSCode, PHPStorm, Git, Docker, MySQL, Scribe for YAML API documentation & Postman

OS: MacOS, Windows, Ubuntu Linux, iOS, Android

EDUCATION

BSc Computer (Hons Science W/ Placement

De Montfort University

2018-2022

Graduated with a First class Honours with an overall 75%.

A Levels/GCSE's

Blessed George Napier

2014-2018

A Level's in Maths, Physics & Chemistry
A* in Extended Project
7 A's 2 B's 1 C for GCSE's including
A's in Computer Science, Physics,
Mathematics.

ESSENTIAL SKILLS

- Communication – I am fluent in English and Malayalam. I have anchored for programs and given clear presentations/speeches.
- Leadership – I show initiative and take responsibility in group decisions.
- Flexible - Work well under pressure in stores and able to stay relaxed and concentrated during busy times.
- Problem Solver - Think critically and logically which allows me to assess and solve problems quickly and efficiently in general activities.

WORK EXPERIENCE

Software Engineer

Darktrace - Cambridge

2022-2025

- As a software engineer at a cybersecurity company, I played a pivotal role in maintaining and enhancing an internal web application. The stack primarily consisted of PHP and Laravel, and I became proficient in both technologies.
- Full-Stack Development: I worked extensively with Laravel Blade for server-side rendering and Vue.js for dynamic front-end components. This allowed me to contribute to both the user interface and the underlying logic. I am proficient in MySQL and DB querying. My full-stack experience enabled me to understand the entire application flow, from database interactions to user interactions.
- Collaboration and Problem-Solving: I collaborated closely with my peers to address various issues. Whether it was debugging a tricky bug or optimizing performance. I have also been involved in design decisions for our UI.
- Project 1: I took the lead in implementing support for a new product the company was offering and its support by our application. This involved integrating the product's operational logic into our existing application.
- I worked closely with product managers and other teams to ensure a smooth rollout, including continuous communication with the CTO of the company in discussing stakeholder interests.
- Project 2 - Application Overhaul: We decided to transform our monolithic application into a RESTful API-based system. I was chosen by my manager to take the lead on this, breaking down the application into its necessities. The rehaul improved scalability, maintainability, and performance.
- Cross-Team Collaboration: Beyond my immediate team, I had the opportunity to collaborate with other development teams within the company. This exposure broadened my perspective and allowed me to learn from diverse skill sets.

Software Support Engineer

Warehouse Control Solutions - Loughborough

2020-2021

- 13 months of industrial experience at the software company as their Software Support Engineer allowed me to work with their clientele of international logistics-based mega-corporations.
- I was responsible for overseeing the hardware & shipping processes of our systems to clients which included in-house repair/replacement of servers, client machines and the company's IT systems/hardware for other colleagues.
- I was also responsible for client system maintenance in which I had to connect remotely via VPN to clients and their devices to check the operational status.
- Working with such crucial responsibility with a company size of 13 members at the time allowed me to form great connections and learn from a magnitude of different perspectives.