# Phil Copper    Web Application Developer

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## Professional Summary

**WEB DEVELOPER**

- Over 10 years experience designing and building complex web applications.

- Identifying and implementing appropriate technologies.

- Designing and implementing secure Rest APIs.

- Learning new skills quickly as required.

- Business analysis, engaging with clients and end users in a jargon-free manner to determine requirements and best fit solutions.

- Converting complex business requirements into clean, simple and manageable code.

**SOLUTION ARCHITECT**

- Engaging with business and  development stakeholders to derive business requirements and fit them to the technology stack.

- Producing functional and technical documents.

## Key Skills

- PHP - Object Oriented / OOP

- Javascript / JQuery

- HTML5 / CSS

- AJAX

- MySQL

- eXist XML database

- Docker

- Google Cloud Platform

- Web sockets

- GIT / SVN

- Agile

- Linux

- Nginx

- Apache

# Experience

### SOFTWARE ENGINEER, ESTÉE LAUDER COMPANIES, – 2022-2023

Maintaining and enhancing e-commerce sites and backend processes across a range of brands and locations across Europe, India, the Middle East and South Africa. The backend processes included integrations with a variety of payment providers and payment methods in multiple currencies. This role involved analysis of an extremely large and complex codebase and working as part of an international team. Perl, Javascript, HTML, CSS.

### WEB APPLICATION DEVELOPER, OPTIMOOM, – 2019-2022

Building a web portal and web site for a major company in the promotional products sector. The portal includes sections for the sales office, print works and customers. Built with PHP and MySQL using Docker containers running on the Google Cloud Platform. Includes, among other things, real-time web socket notifications and dynamic PDF generation.

Designing and building a web site for a promotional products company. Built with PHP and MySQL using Docker containers running on the Google Cloud Platform.

### WEB  DEVELOPER, CGI – 2014-2019

Developing and maintaining a PHP/MySQL user portal for a critical piece of national infrastructure. The portal consolidated data from multiple systems and data sources allowing users to monitor and troubleshoot problems within a national network. Data volumes were extremely high requiring careful tuning of database queries.

### SOLUTION ARCHITECT, LLOYDS BANK – 2012-2013

A six month contract preparing solution documentation from business requirements.

### SOLUTION  ARCHITECT, BRITISH GAS – 2010-2012

In this role I was the Lead Solution Architect for several projects within the company's multi-channel "Drive to Online" initiative. This aimed to maximise customer engagement via the digital channels by providing innovative and improved customer services. It successfully delivered reduced call centre costs and introduced a competitive advantage. The new services were rolled out on the web, mobile and IVR (Interactive Voice Recognition) channels.

**SOLUTION  DESIGNER/DEVELOPER, BRITISH GAS – 2007-2010**

In this role I was a Solution Designer/Developer on a wide range of projects that included the introduction of several high business value systems.

A real-time appointment booking project that was the first in the company to integrate the legacy systems, the web site, Siebel CRM and SAP ISU. It also included integration with a PCI compliant third-party payment gateway to support e-commerce.

An Energy Performance Certificates (EPC) system provided a new revenue stream for the company. The system received EPC requests from external partners via secure Web Services and secure file transfer and managed their progress from initiation to completion. A separately developed intranet front-end integrated with the system via JDBC.