

# Thomas EC. Smith

A self starter in business development, transformation and support for technical Infrastructure applications within financial corporations and manufacturing businesses across the UK and abroad. Advanced proficiency in programming languages, with a focus on achieving high-security standards.

[Telegram Channel](#)  
[WhatsApp Business](#)

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## EXPERIENCE

### TECSmith, Worldwide — *Software Engineer*

MARCH 2009 - PRESENT

As a consultant, I specialise in developing bespoke software applications tailored to meet clients' specific needs. Additionally, I provide strategic guidance on online marketing initiatives and brand awareness campaigns. My role involves collaborating closely with clients to deliver innovative solutions that enhance their digital presence and drive business growth.

ASSIGNMENTS: [AI Search](#),

### Devise Stockholm, Sweden — *Full Stack Developer*

MARCH 2023 - SEPTEMBER 2023

Supporting a team of skilled technicians to develop application programming interfaces, systems architecture, frontend user experiences, and build digital tools for a number of popular online brands and publications.

ASSIGNMENTS: [Profiler](#)

### WeBots, United Kingdom — *Technical Developer*

AUGUST 2018 - JANUARY 2023

Focusing on a modern tech stack to provide solutions that are efficient and cost-effective. With a focus on scalability, ensuring that the solutions delivered are able to meet the evolving needs of the clients, regardless of their industry or the size of their operation.

ASSIGNMENTS: [Accountancy Agent](#)

### Guy Clarke Insurance, United Kingdom — *IT Consultant*

JULY 2018 - AUGUST 2018

Provisioning alternative technical solutions for a modernising Lloyds broker based in London, UK. Updating existing network infrastructure, document management systems and off-site data backups. As well as documenting General Data Protection Regulation and ISO27001.

## PROGRAMMING

C# / C++ ★★★★★☆

Java / Javascript ★★★★★☆

PHP ★★★★★★

Python ★★★★★☆

SQL ★★★★★☆

## FRAMEWORKS

Laravel ★★★★★★

NextJS ★★★★★☆

NodeJS ★★★★★☆

SASS ★★★★★☆

Typescript ★★★★★★

## ENVIRONMENTS

Amazon Web ★★★★★☆

Android Studio ★★★★★☆

Google Cloud ★★★★★☆

Microsoft Azure ★★★★★☆

Visual Studio ★★★★★★

## OPERATING SYSTEMS

Android ★★★★★★

iOS ★★★★★☆

Linux ★★★★★☆

UART ★★★★★☆

Windows ★★★★★★

ASSIGNMENTS: [Operating System Migration](#)

## **Toye Kenning & Spencer, United Kingdom — Head of IT**

JANUARY 2017 - JUNE 2018

Updating business intelligent systems and digital compliance for a Royal warrant holder within the manufacturing industry based in Birmingham's jewellery quarter. My duties included oversight of technical projects and implementing electronic resource planning.

ASSIGNMENTS: [Enterprise Resource Planning](#)

## **Miles Smith Insurance, United Kingdom — IT Architect**

NOVEMBER 2011 - NOVEMBER 2016

Architecting modern technical systems for legacy production systems at Lloyds broker in London, UK. Leading installations for network, telecommunications, technical compliance reporting and printer fleet management between co-located corporate premises.

ASSIGNMENTS: [Mitel IVR Programming](#)

## **PROJECTS**

### **AI Search**

APRIL 2024 - MAY 2024

CityCity.se tasked me with designing a proof-of-concept freeform text search application using Google Vertex AI model libraries and their booking API. The model, trained with a custom variant of Gemini, integrates Google Maps to provide geometry data, ensuring accurate pattern building for CityCity's API.

ASSIGNEE: [TECSmith](#)

SKILLS: *TypeScript · Programming · Vertex · User Interface Design · Google Maps API · Google Cloud Platform (GCP) · Dialog Flow · React · Node.js · Large Language Models (LLM)*

### **Profiler**

MARCH 2023 - SEPTEMBER 2023

This application utilises React and TypeScript, with React Query ensuring server synchronisation. Web technologies like Handlebars and SASS enable profile creation using just HTML/CSS. Additionally, profiles can be printed, saved as PDFs, or exported as Word documents.

ASSIGNEE: [Devise Stockholm AB](#)

SKILLS: *TypeScript · Programming · React · Web Applications · Node.js*

### **Accountancy Agent**

SEPTEMBER 2019 - MARCH 2020

We are developing an AI tool on the Google Cloud Platform that ingests, parses, analyses, and identifies key performance indicators in targeted



business sectors. Initially focused on enhancing productivity in the UK market, we plan to expand into emerging markets globally in the future.

**ASSIGNEE:** [WeBots Ltd.](#)

**SKILLS:** PHP · CMS · Python (Programming Language) · MySQL · Programming · Google Cloud Platform (GCP) · SEO · Virtualization · Dialog Flow · Microsoft Azure · Reverse Engineering · jQuery · Material-UI · JavaScript · Computer Information Systems · Python · Web Applications · Node.js · Large Language Models (LLM)

### Operating System Migration

JULY 2018 - AUGUST 2018

Migrating the organisation's operating systems to a new platform to improve performance, security, and compatibility with modern applications. The process included comprehensive planning, risk assessment, and the development of a detailed implementation strategy to ensure minimal disruption to daily operations.

**ASSIGNEE:** [Guy Clarke Insurance Ltd.](#)

**SKILLS:** Networking · Information Technology Infrastructure · Virtualization · IT Infrastructure Management · Microsoft Azure

### Enterprise Resource Planning

JUNE 2016 - JANUARY 2018

Designing and implementing an Enterprise Resource Planning (ERP) system to streamline and integrate core business processes across the organisation. Leveraging advanced technologies and best practices, we were able to enhance efficiency and visibility in areas such as finance, supply chain, human resources, and customer relationship management.

**ASSIGNEE:** [Toye, Kenning & Spencer Ltd.](#)

**SKILLS:** Information Technology Infrastructure · Google Cloud Platform (GCP) · Virtualization · IT Infrastructure Management · Microsoft Azure · Engineering · Web Applications

### Mitel IVR Programming

JUNE 2016 - SEPTEMBER 2016

Interactive Voice Recording (IVR) routes, call handling, and attendant report programming on Mitel system for Cooperative contract fulfilment as well as general business call processes.

**ASSIGNEE:** [Miles Smith Insurance Ltd.](#)

**SKILLS:** PostgreSQL · Programming · Virtualization · IT Infrastructure Management · XHTML · Engineering · Web Applications · Telecommunications Systems

### PROJECT METHODOLOGIES

ERP ★★★★★

SCRUM ★★★★★

### DESIGN APPLICATIONS

After Effects ★★★★★

Blender ★★★★★

Photoshop ★★★★★

Unity ★★★★★

Unreal Engine ★★★★★

### VERSION CONTROL

GIT ★★★★★

### LANGUAGES

English  
Native speaker

Swedish  
Limited speaker

### COURSES

Developer Associate  
Amazon

Azure Solutions Architect  
Microsoft

Professional Cloud  
Developer  
Google

For more projects please visit my LinkedIn profile. An extended curriculum vitae may be provided upon request.