# Simon Stirling

## Chief Technology Officer

simonsbs@gmail.com • +972545841058
linkedin.com/in/simonbstirling/ • Hadera, Israel

Place of Birth: United Kingdom ▪ Date of Birth: 9 November, 1980
Nationality:  British, Israeli

**Transformational IT Executive, offering 20+ years of success steering long-term IT vision, integrating state-of-the-art technologies, and evolving technical platforms and services to support multimillion-Sheqel technology, military units, and corporate companies.**

An established technology leader with a stellar reputation for driving business performance by leading the architecture, engineering, and direction of technological enterprise solutions and cloud infrastructure projects. Strategic thinker and innovator supported by an extensive background in all development processes, design, and unique configuration solutions, including creating a software infrastructure specifically designed for development. Equipped with advanced knowledge of Machine Learning, AI, Blockchain, Internet of Things (IoT), and High Load Systems Development. Displayed critical thinking, problem-solving abilities, and senior-level expertise in risk mitigation and scalability enhancement by migrating the organization's IT infrastructure to the cloud.

## Areas of Expertise

- Executive Management
- Software Development
- Team Leadership
- Technology Innovation and Scalability
- Software Engineering
- Cyber Security

- Product Management
- Cloud Infrastructure
- Technological Innovation
- Customer Relations
- Lean Practices
- Agile/Scrum Management

- Scalable Architecture Design
- Program / Project Management
- Continuous Process Improvement
- Information Systems Remote Monitoring

## Career Highlights

- Led the development and successful launch of multiple software solutions at Flame-Ware Solutions Ltd, including a cloud-based platform using modern and customized techniques, substantially reducing operational costs and improving customer experience.

- Achieved superior technological performance that supports the company's culture, mission, and objectives through the successful migration of the company's IT infrastructure to the cloud.

- Developed and documented new features for server/client applications utilizing .NET Core, RESTful API, Docker and Kubernetes, Microservices, Python, MySQL, DevOps, HTML5, and CSS3 while identifying alternatives to implement innovative solutions that enhanced the user experience, performance, and features of applications.

## Professional Experience

**Flame-Ware Solutions Ltd.,** Israel                                                            2005 – Present
**Chief Technology Officer / Director**

- Provide executive-level leadership with full accountability for multiple IT projects, platform and tooling strategy, infrastructure, and overall platform flexibility and scalability while guiding a team of 15-100+ employees and developers to achieve the company's strategic plan objectives.

- Oversee the complete lifecycle of software and electronics projects, encompassing Big Data and inventory management, from initial requirements gathering to implementation, training, and ongoing support.

- Establish technical vision and lead all facets of the organization's technological development and support, including designing server and client software utilizing multiple programming languages and database technologies.

**Barama - Technological Lab Inc.,** Katzrin, Israel                                 2017 – Present
**IT Lead, Production, Sales, and Support Manager**

- Drive the success of cutting-edge hardware and custom electronic products through the execution of product assessments and proofs-of-concept, customer onboarding, assistance, and serving as a technical resource for the sales team.

- Repair and assemble custom electronic products and deliver comprehensive technical support to clients throughout the sales cycle and after-sales, educating about computer networks, and assisting with troubleshooting.

- Empower a team of sales representatives by providing training, direction, and support to attain sales objectives and the optimal solution for every individual task.

**Hacker-U college,** Tel-Aviv, Israel                                 2020 – Present
**Full-Stack Programming Instructor**

- Provide high-quality education of full-stack development courses through a collaborative, active, and engaging curriculum focused on a broad range of technologies, including .NET, C#, MongoDB, SQL, React, API development, and CI-CD practices.

- Utilize knowledge and expertise of industry trends, best practices, and tools to write and design comprehensive course materials while highlighting the significance of integrating diverse technologies for a unified application architecture, maintaining a focus on clean code, and designing efficient databases.

## Additional Experience

**Head of Development Team,** CoolVision, Tel-Aviv, Israel

**Development Team leader And Head of Systems Analysis and Development,** IDF - Medical Corps, Tel-Aviv, Israel

**Course Instructor – Programming,** Technion – External, Haifa, Israel

**Course Instructor – MCSD,** Hi-Tech College, Herzliya, Israel

**Training and Education Specialist,** Software Systems, IDF, Tel-Aviv, Israel

## Education and Credentials

**Bachelor of Science, Computer Science**
University of the People, Pasadena, CA, Expected completion: 2024

**CERTIFICATIONS**

**AWS Certified Solutions Architect,** *In progress*

Hi-Tech College, Herzliya

  **Microsoft Certified Technology Specialist (MCTS)**
  **Microsoft Certified Professional Developer (MCPD)**
  **Microsoft Certified Professional (MCP)**

**COURSES**

**PluralSight**, 2000 – Present
**LinkedIn Learning**, 2000 – Present

## Technical Proficiencies

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|---|---|
| **Programming Languages:** | Python, JavaScript, Type Script, Java, SQL, C#, .NET Core (and .NET 5+), ASP.NET, Node.js, React.js, Dart (and Flutter), Go (Go-Lang), R, C++, PHP, Ruby, HTML5, CSS3, JSON, XML, Swift, Kotlin, Rust, C, WPF, WCF, Xamarin, LINQ, BizTalk, Enterprise library, XAML, XSD, XSLT, VBA, VB, ASP, Objective-C, Ladder, Scala, MATLAB, Shell (Bash, Zsh, etc.), Perl |
| **Databases:** | Microsoft SQL Server, Oracle, MySQL, Pervasive, Access, MongoDB, NoSQL, Relational DB |
| **Management Methods:** | Agile, Scrum, Kanban, Waterfall, Gantt, DevOps, Lean |
| **Management Tools:** | Jira, Trello, Asana, Microsoft Project, Basecamp, Smartsheets, Slack, Monday, Salesforce |
| **Software:** | Visual Studio, SQL Management Studio, Microsoft Project, Android Studio, JetBrains tools, Blender, Unity, MYSQL Workbench, Autodesk Inventor Pro, Autodesk Eagle, Autodesk AutoCAD, SketchUp, Tinker CAD, GERBV, MS Office, SVN, GIT, Photoshop, 3D Studio max, Lightwave |
| **Hardware:** | Atmel Studio, MPLAB, Arduino, PIC, ATMEL, TIA |
| **Patterns:** | MVC, MVP, MVVM, EDA, RESTful and RPC APIs, Singleton, Factory, Object-oriented programming (OOP), functional programming |
| **Cloud Environments:** | Amazon (AWS), Azure, Google Cloud (GCP) |
| **DevOps:** | Docker, Kubernetes, CI/CD pipelines (e.g., Jenkins, GitLab CI), Automation Tools |

# Languages

English, Fluent
Hebrew, Fluent