

# Malachi Soord

*In a beautiful place out in the country*

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## Profile

Software Engineer based in Berlin who is passionate about modern web and mobile application development. OSS advocate, favours agile methodologies, and enjoys working with SCRUM and Kanban.

## Technical Skills

Languages	PHP, Python, Java, C#, JavaScript, SQL
Databases	MySQL, SQLite, Microsoft SQL Server
Web	HTML5, CSS3, RDFa, Microformats, REST, RPC, SOA
Frameworks	Symfony, Flask, Android, .NET, Jekyll
Source Control	Git, Team Foundation Server
Other	L <sup>A</sup> T <sub>E</sub> X, Docker, Vagrant, Ansible, Kubernetes, Apache Thrift

## Experience

- Aug 2017 – **Senior Software Engineer**, *GetYourGuide GmbH*, Berlin, Germany.  
Present Senior software engineer for one of the market leaders for in destination tours and activities.

- Working closely with engineers to improve the local dev toolchain.
- Maintaining and enhancing our Kubernetes based testing clusters.
- Supporting our CI/CD offerings build using Drone and Spinnaker
- Building outbound integrations to 3rd party systems.
- Building scrapers for automatic ticket purchasing.
- Implementing new functionality supplier API.
- Supporting inbound integrations.
- On-boarding new engineers.
- Actively involved in the hiring processes.
- Organising the weekly tech lunches.

Skills: PHP, Symfony, Doctrine, MySQL, SCRUM, Vagrant, Docker, Thrift, RPC, Kubernetes

May 2015 – **Software Engineer**, *GetYourGuide GmbH*, Berlin, Germany.

Jul 2017 Software engineer for one of the market leaders for in destination tours and activities.

- Designing, implementing, and iterating on AB tests.
- Implementing event tracking system utilising Thrift.
- Building and introducing recommendation service on the site and within emails.
- Unifying customer facing website by migrating and refactoring legacy code onto the new stack.
- Supporting mobile apps through new features and fixing bugs on the customer facing API.
- On-boarding new engineers.
- Consolidating Google tag manager environments.
- Organising the weekly tech lunches.

Skills: PHP, Symfony, MySQL, SCRUM, Vagrant, Thrift, Python, AB testing methodologies

Jun 2014 – **PHP Developer**, *MenschDanke GmbH*, Berlin, Germany.

Apr 2015 PHP developer working for a company with a portfolio containing some of the leading voucher and deal sites in Germany.

- Developing RESTful applications in Symfony.
- Setup consistent development environments using Vagrant.
- Building utility applications for data export to JSON.
- Configuring OAuth provider on new iteration of Schnäppchenfuchs forum.
- Refining documentation, company guidelines, and recommendations.
- Evaluated potential deployment solutions including Capifony, Rocketeer, and Capistrano.

Skills: PHP, Symfony, RESTful architecture, OAuth, Vagrant, Node.js

Dec 2011 – **Systems Engineer**, *Software Imaging*, Oxford, UK.

Mar 2014 Employed by one of the global leaders in printing and imaging technologies developing Android mobile print solutions.

- Developing new functionality for mobile print solutions.
- Carrying out detailed performance and static analysis.
- Extending both the front and back end of the automated print engine.
- Android UI automation utilising both Espresso and MonkeyTalk, developing new functionality including screen-shot comparison, GridView selection, and fixing bugs.
- Implementing Skia to PDL solutions via native code using JNI.
- Creating EMMA instrumented builds allowing code coverage to be run automatically and manually.
- Developing applications to assist with the development, testing, and debugging of products.
- Agile development.
- Maintaining and improving the database of supported printers.
- Working closely with senior systems engineers.

Skills: Java, Android, Ant, Team Foundation Server, TDD, Agile, Kanban, SCRUM, Code Reviews, SQLite, Eclipse, Batch scripting, Adobe Firework, XML, XSLT, XSD, C#, .NET 3.5, Web Services, JNI, EMMA

Jul 2010 – **.NET Developer**, *TM Solutions Ltd*, Abingdon, UK.

Nov 2011 .NET developer working in a small team building telecommunication systems that manage client services and information. Utilising C# and ASP.NET in a .NET 4.0 environment.

- Responsible for the design and implementation of CLick version 11, TMS's major web based client facing management application.
- Helped develop and design i-bill, the white labelled end user solution utilising jQuery and ASP.NET MVC.
- Designed and implemented an improved version of the company homepage using CodeIgniter and jQuery.
- Producing Crystal Reports for client invoices and reporting functionality on CLick.
- Backup management for all company and client data.

Skills: C#, ASP.NET, T-SQL, SQL Server, XHTML, CSS3, jQuery, RDFa, Visual Studio, Team Foundation Server, MooTools, Crystal Reports

Oct 2006 – **Junior Developer**, *TM Solutions Ltd*, Abingdon, UK.

Jun 2007 Junior developer working in a small telecommunication company, developing web applications in a .NET environment.

- Helped refine the first .NET iteration of CLick.
- Running daily billing processes when required.
- Updated existing company website to be more in-line with current standards.
- Providing general IT support.

Skills: .NET 2.0, C#, ASP.NET, XHTML, CSS2, JavaScript

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## Projects

2017–2018 **Founder**, *KitaSpot*.

Having being frustrated with the process of finding and applying to a kita in Berlin felt there must be an easier way to do this. Built out MVP platform that scrapes to publicly accessible data and presented it in a more geo-spatial way.

Skills: Ansible, Symfony, Doctrine, Mailgun, Google APIs, Bootstrap

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## Education

2007 - 2010 **B.Sc, Software Engineering**, *Durham University*, Durham, UK.

DISSERTATION

Title *How to Enable the Web Information to Present More Semantic Meaning*

Supervisor Dr. William Wei Song

Description Focused on producing a system to add semantic meaning to existing content on the Web and enabling users to query the information via a semantically embedded web interface. Developed using W3C recommended standards including RDF, RDFa, and OWL ontologies whilst incorporating SESAME2 and Play frameworks.

2006 **Community Connect 3**, *Research Machines*, Milton Park, UK.

2004 – 2006 **BETEC IT for Practitioners**, *Abingdon & Witney College*, Abingdon, UK.

Distinction/Distinction/Merit

Communication Key Skills Level 2

2003 – 2004 **GNVQ IT for Practitioners**, *Abingdon & Witney College*, Abingdon, UK.

Merit

## Other Interests

Has a strong passion with learning latest technologies and adhering to current web standards. Kept up to date by consuming social media, subscribing to blogs such as Smashing Magazine, and reading through W3C specifications and primers to gain a greater understanding and practical knowledge of emerging technologies. Attends tech events and talks when he can and in his spare time enjoys cycling, walking, and exploring his local surroundings.

## References

References are available on request.